

Appendix A: Demographic and Economic Background Information for Coastal Maine Counties

Based on Census Information

As shown in Figure A1, the highest unemployment rates from 1997 to 2010 among coastal counties occurred in Down-East counties. The three coastal counties with the highest unemployment rates were Hancock, Waldo, and Washington County. Washington County had the highest unemployment rates by far, with rates typically two to four percentage points higher than the next highest county.

Nominal median household income has increased steadily in all coastal counties from 1997 to 2009, after which it declined slightly in all except for Cumberland and Washington County. As shown in Figure A2, Down-East counties had the lowest median household income, and Washington County had the lowest of all counties for all years from 1997 to 2010.

Poverty rates in Maine's coastal counties declined slightly from 1997 to 2000 before rising gradually from 2001 to 2010. As shown in Figure A3, poverty rates were highest in Washington County, peaking at 20.6 percent in 2009. The average for all Maine Counties in 2010 was 13.1 percent. York County had the lowest rate, with just 10.3 percent in 2010.

All coastal counties in Maine experienced a general aging trend from 2000 to 2010. In particular, a large cohort in their 30s and 40s aged into their forties and fifties as is shown in Figure A4. In Waldo and Washington County, the trend was especially pronounced, with the largest expansion occurring in age groups in their fifties and sixties.

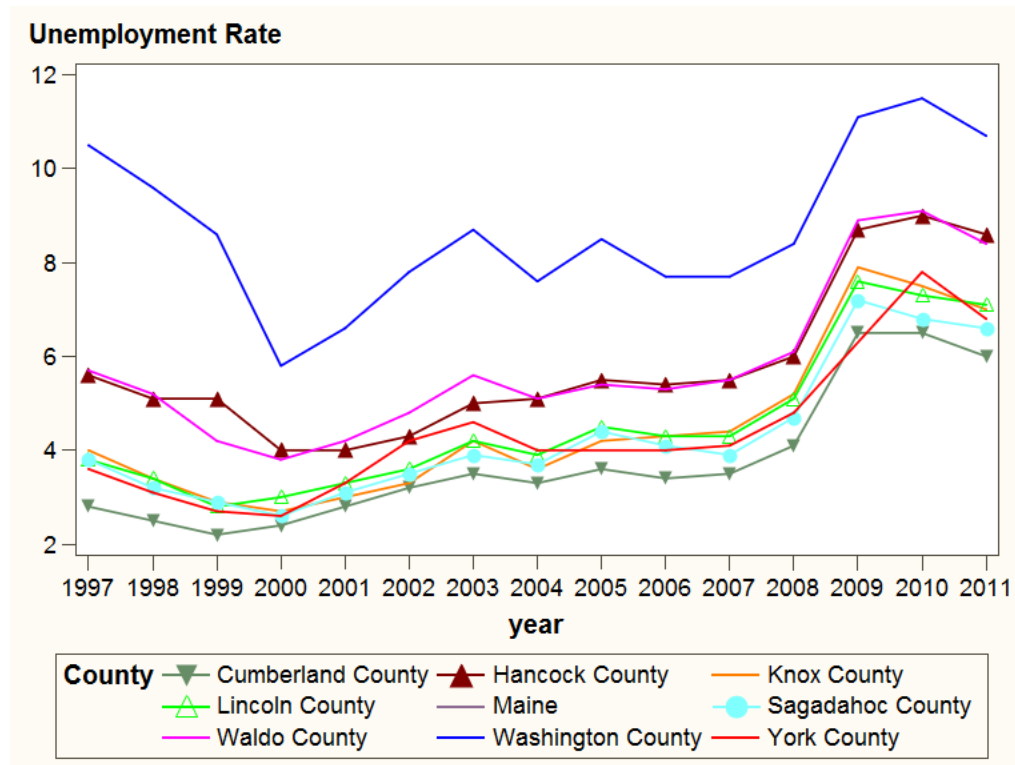


Figure A1 Unemployment Rate in Maine by County 1997-2010

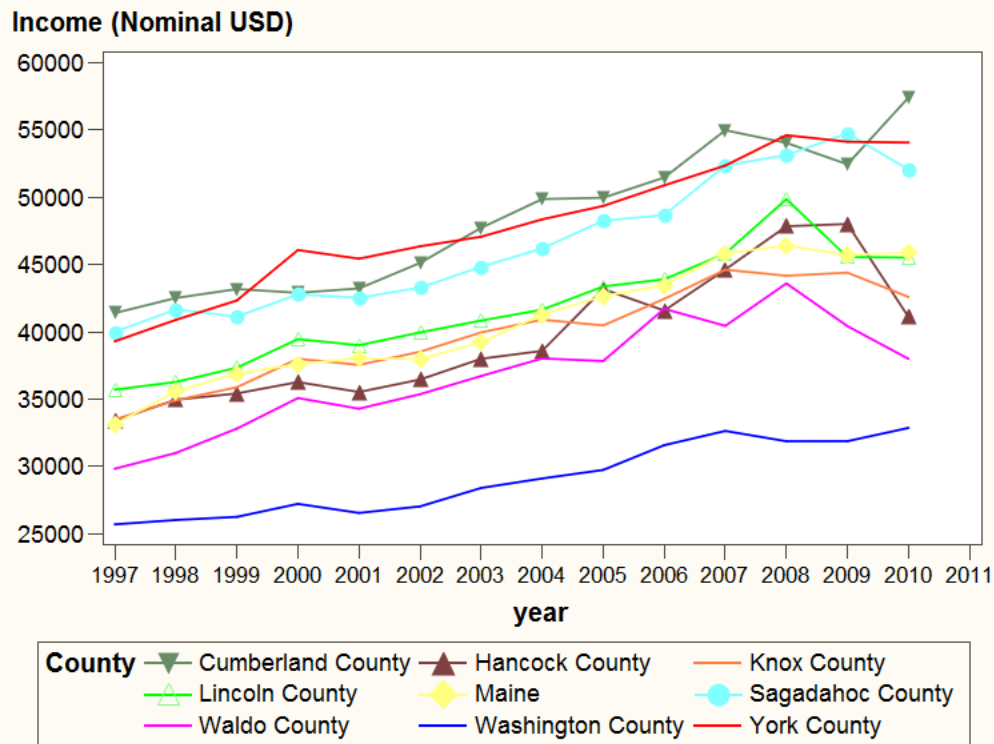


Figure A2 Median Household Income in Maine by County 1997-2010

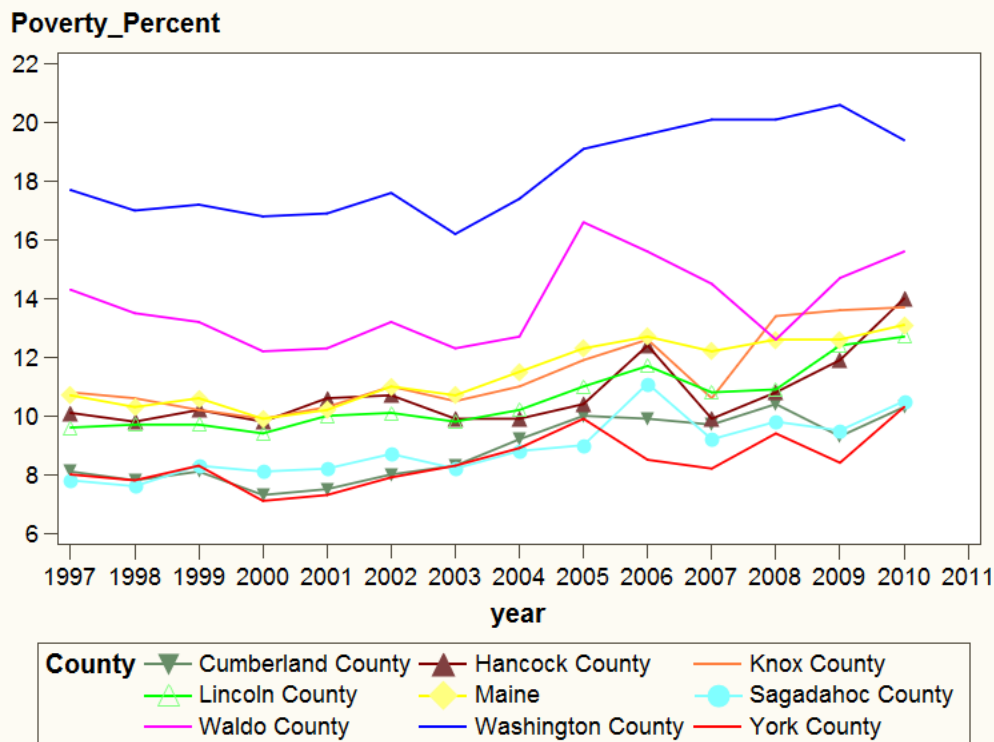
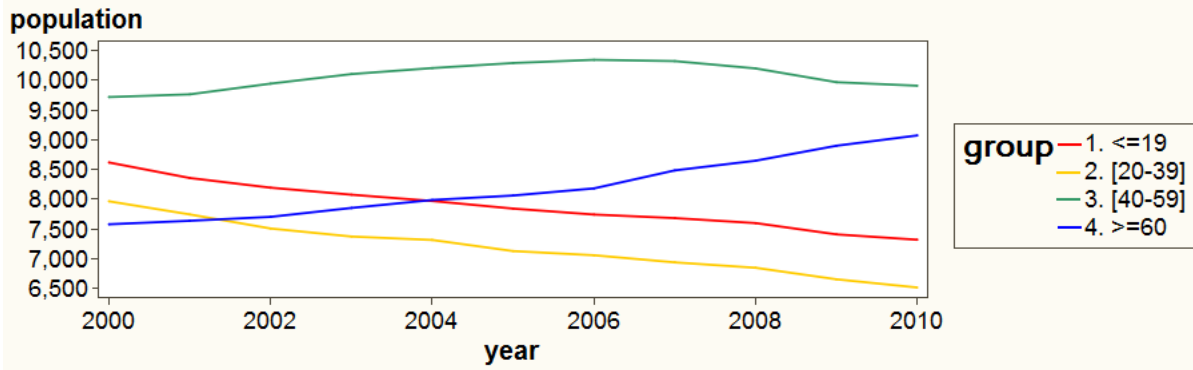
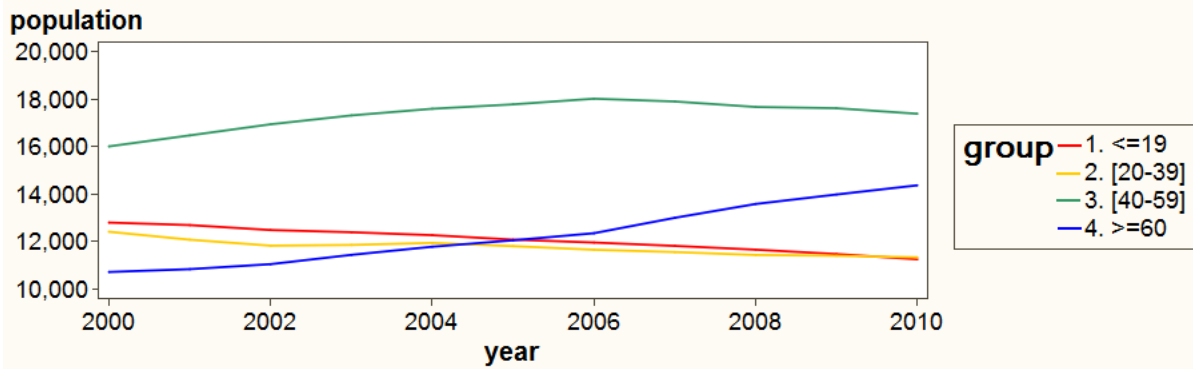


Figure A3 Percent of Population in Poverty in Maine by County 1997-2010

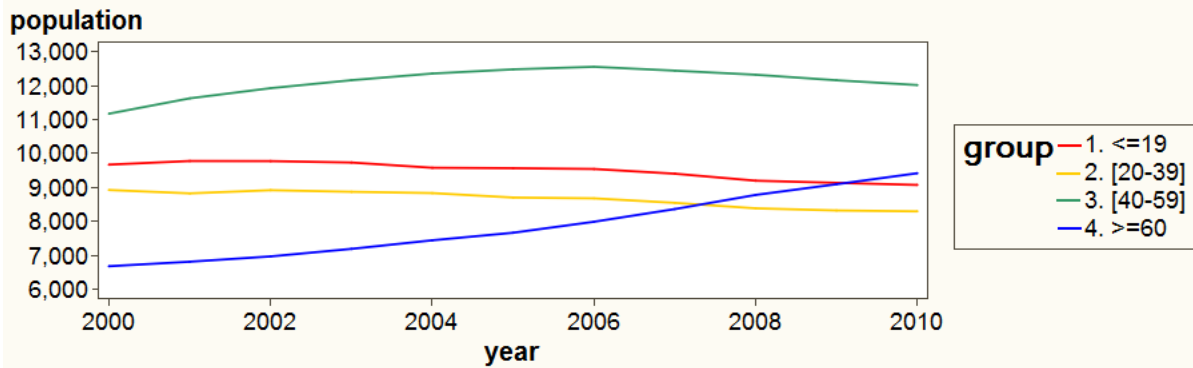
County=A_Washington



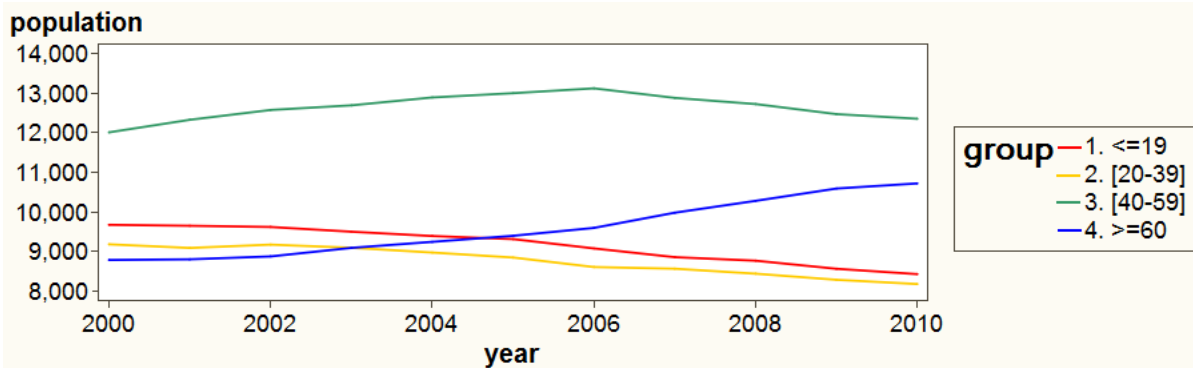
County=B&C_Hancock



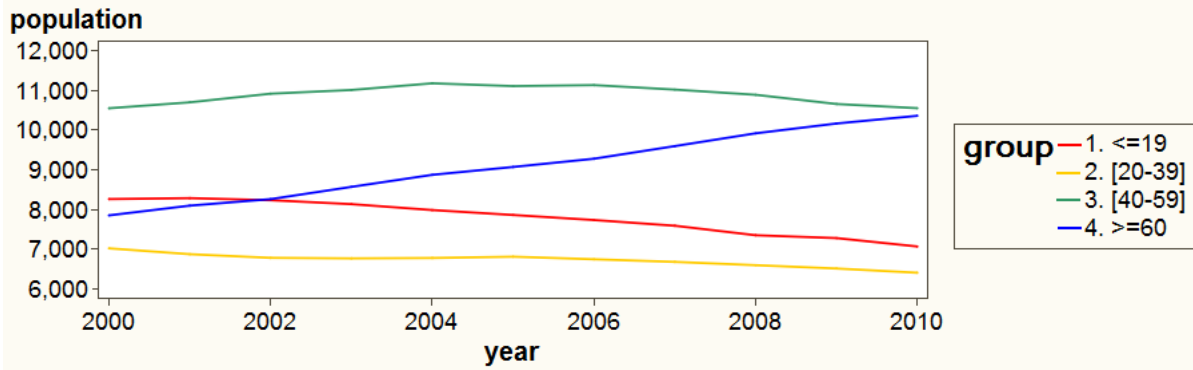
County=C_Waldo



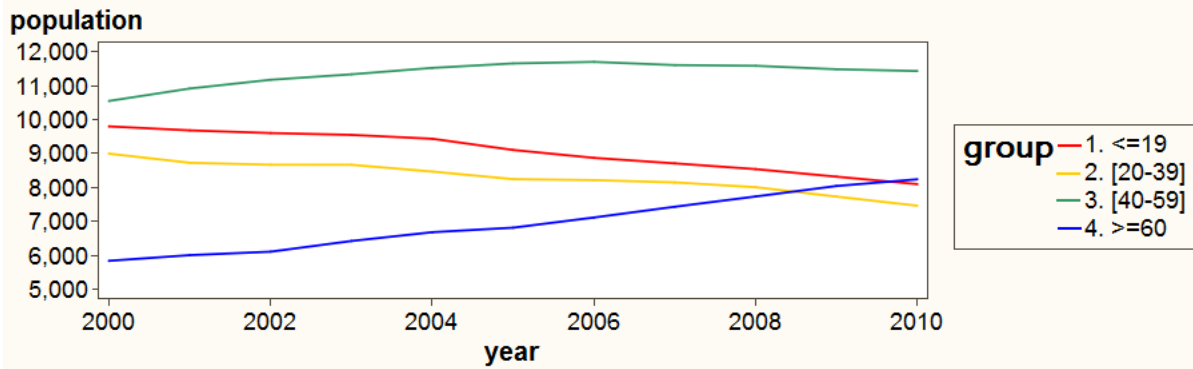
County=D_Knox



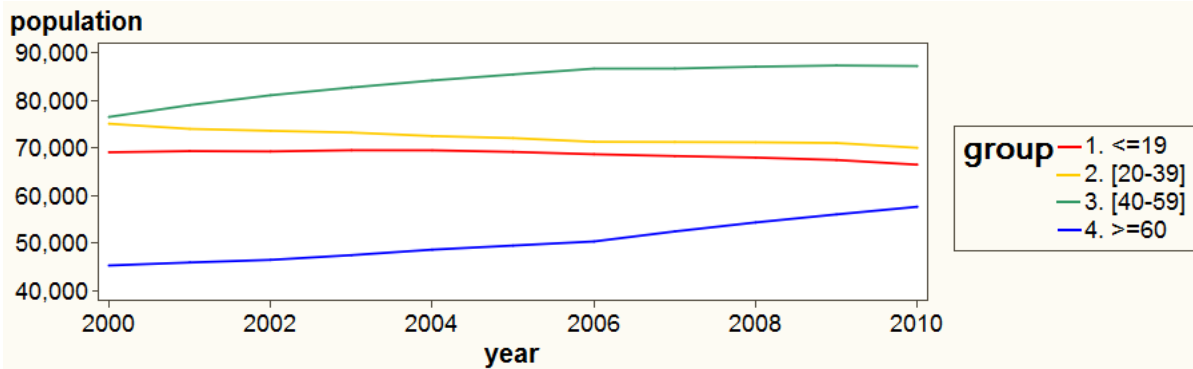
County=E_Lincoln



County=E_Sagadahoc



County=F_Cumberland



County=G_York

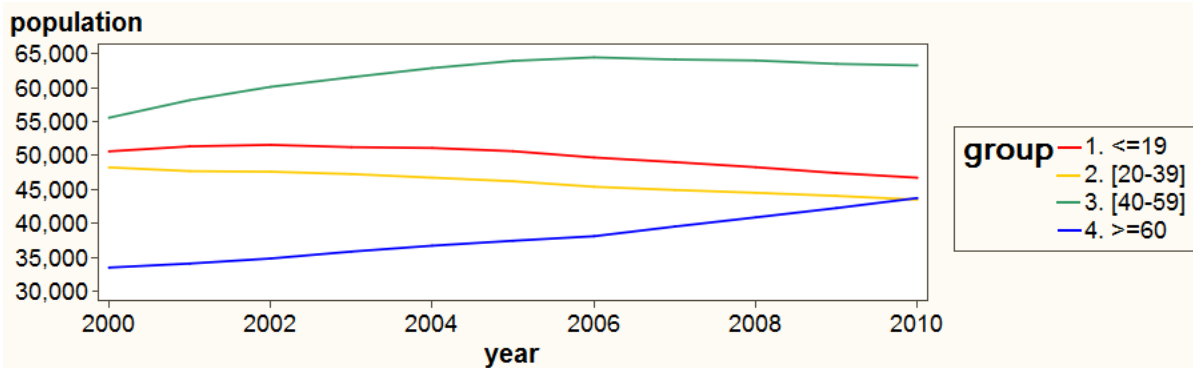


Figure A4 Age Composition of the Population in Each County



Dear Maine Lobster and Crab License Holder:

The Gulf of Maine Research Institute (GMRI) has been contracted by Maine's Department of Marine Resources to conduct an independent evaluation of the existing limited entry system for the lobster fishery. The project will evaluate the impact of the current system on individuals, as well as Maine communities, identify any deficiencies, and offer suggestions for changes from the perspective of both current license holders and those seeking entrance into the fishery.

The project outcomes are due October 15, 2012 and will include a range of options for revisions to the system including associated pros and cons and potential economic impacts to individuals and Maine communities. The GMRI project team will work closely with Maine State Lobster Biologist, Carl Wilson, to understand the impacts of the options presented on the lobster resource itself. A Working Group of industry members and others will also be convened to provide critical feedback at certain points in the project.

Please help us by filling out and returning the enclosed survey. We are soliciting industry feedback through a variety of formats as we seek as much comment and input as possible –

- Confidential **written surveys** compiled by an independent contractor (Market Decisions, LLC) (*see enclosed survey*);
- A series of **public listening sessions** during the month of August and early September (*see detailed schedule on the back of this letter*);
- A **dedicated phone line** to record public comments or request a personal interview. Please call **1-800-293-1538 ext. 335** to provide additional verbal comments.

Please respond to the survey as the primary way to provide your input. Surveys are being mailed to all license holders, and individuals on the waiting list, and they are also available electronically on the project website www.gmri.org/lobster.

The deadline for all surveys and comments is September 7, 2012.

Completed surveys should be mailed via the enclosed envelope and sent to:

Maine Lobster Limited Entry Evaluation
c/o Market Decisions
P.O. Box 1240
Portland, ME 04104-9940

Your input during this evaluation is important. Thank you for taking the time to fill out the survey and participate in the process.

Sincerely,

GMRI Project Team

Project information and updates can be found at:

www.gmri.org/lobster

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2012 Lobster Limited Entry System Questionnaire for Existing License Holders

We would like to get your feedback on how to address the issues surrounding the licensing system, and its impacts on the fishery. Please answer the questions below as accurately as possible. We recommend reading through all the questions first. **Thank you!**

1. What percentage of your total household income comes from your lobster business?

- ☐ 80% - 100% ☐ 50% - 80% ☐ 25% - 50% ☐ Less than 25%

2. How many traps did you fish last year (maximum # in the water at once)? # _____

3. How worried are you about the number of traps fished in your Zone?

- ☐ Very ☐ Somewhat ☐ No Worries ☐ No Opinion

4. What do you believe should be the goals of a lobster limited entry system? Please answer both parts of the question below:

4. a.) Which of these should be goals of the system?
(Check all that apply)

4. b.) Does the current system achieve these goals?
(Using the 1-5 scale below, circle your opinion)

		Strongly Disagree	←	No Opinion	→	Strongly Agree
<input type="checkbox"/>	Stabilize the number of license holders in the fishery	1	2	3	4	5
<input type="checkbox"/>	Reduce the number of license holders in the fishery	1	2	3	4	5
<input type="checkbox"/>	Stabilize the number of traps fished in the fishery	1	2	3	4	5
<input type="checkbox"/>	Reduce the number of traps fished in the fishery	1	2	3	4	5
<input type="checkbox"/>	Protect the lobster resource from depletion	1	2	3	4	5
<input type="checkbox"/>	Ensure the financial viability of existing license holders by limiting participation	1	2	3	4	5
<input type="checkbox"/>	Ensure that there is a mechanism for young people to obtain a lobster license	1	2	3	4	5
<input type="checkbox"/>	Ensure that there is a mechanism for adults to obtain a lobster license	1	2	3	4	5
<input type="checkbox"/>	Other: _____	1	2	3	4	5
<input type="checkbox"/>	Other: _____	1	2	3	4	5

5. Do you favor a change to the current trap limit per person in your zone?

- ☐ Yes – Increase ☐ Yes - Decrease ☐ No Change

6. If the trap limit were changed, do you favor a proportional adjustment (every lobsterman increases/decreases by the same percentage) or an across-the-board trap limit per person:

- ☐ Proportional ☐ Across-the-board ☐ No Opinion

7. Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

- ☐ Yes ☐ No ☐ No Opinion

8. Do you support the current entry/exit ratio based on tags retiring in your zone?

- ☐ Yes – keep it as is ☐ No – allow fewer entrants
☐ No – allow more entrants ☐ No Opinion

9. Do you favor eliminating latent effort in the form of trap tags that are not issued?

- ☐ Yes ☐ No ☐ No Opinion

SURVEY CONTINUES ON OTHER SIDE

10. Do you support eliminating latent effort in the form of removing licenses not being fished?

☐ Yes

☐ No

☐ No Opinion

11. Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?

☐ Yes

☐ No

☐ No Opinion

12. Do you believe licenses and/or tags should be transferable?

☐ Yes - Tags

☐ Yes - Licenses

☐ Yes - Both

☐ No - Neither

☐ No Opinion

13. If tags were transferable, how many traps would you ideally fish (max # in the water at once)? # _____

14. If tags or licenses were transferable, what restrictions should be applied to transfers (check all that apply)?

☐ Inter-family direct relation
(i.e. child/parent, sibling, spouse)

☐ Within a Harbor

☐ Within a Fishing
Cooperative

☐ Inter-family distant relations
(i.e. uncle/nephew, cousin, in-law)

☐ Within a Zone

☐ No Restrictions

☐ Owner-operator only

☐ Within Island
Communities

☐ Other: _____

15. Do you support an overall limit on total lbs. of lobster landed in Maine per year?

☐ Yes

☐ No

☐ No Opinion

16. Do you support a quota on pounds of lobster landed per zone per year?

☐ Yes

☐ No

☐ No Opinion

17. Do you support a quota on pounds of lobster landed per fisherman per year?

☐ Yes

☐ No

☐ No Opinion

18. If quota were transferable, what restrictions should be applied (check all that apply)?

☐ Inter-family direct relation
(i.e. child/parent, sibling, spouse)

☐ Within a Harbor

☐ Within a Fishing
Cooperative

☐ Inter-family distant relations
(i.e. uncle/nephew, cousin, in-law)

☐ Within a Zone

☐ No Restrictions

☐ Owner-operator only

☐ Within Island
Communities

☐ Other: _____

Comments (please indicate what question your comment(s) refer to if applicable):

Lobster and Crab License number: _____

Your license number is needed to verify your eligibility and to ensure a representative number of fishermen.
Your license number will be cut off for confidentiality and your responses will not personally be associated with you.

2012 Lobster Limited Entry System Questionnaire for Non-License Holders

We would like to get your feedback on how to address the issues surrounding the lobster licensing system, and its impacts on the fishery. Please answer the questions below as accurately as possible. We recommend reading through all the questions first. **Thank you!**

1. What is your current employment status?

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> Employed Full time
(Fishing) | <input type="checkbox"/> Employed Part time
(Fishing) | <input type="checkbox"/> Unemployed less
than 6 months | <input type="checkbox"/> Unemployed more
than 6 months |
| <input type="checkbox"/> Employed Full time
(Other) | <input type="checkbox"/> Employed Part time
(Other) | <input type="checkbox"/> Retired | <input type="checkbox"/> Student |

2. What is your educational background?

- | | | |
|---|--|--|
| <input type="checkbox"/> Some High School | <input type="checkbox"/> College – Associates,
technical, or other 2-yr | <input type="checkbox"/> College – Graduate degree |
| <input type="checkbox"/> High School/GED | <input type="checkbox"/> College – Bachelor's
degree | <input type="checkbox"/> Other/None |

3. Approximately, how much do you currently earn/yr?

- | | | |
|--|--|--|
| <input type="checkbox"/> \$0 - \$9,999 | <input type="checkbox"/> \$25,000 - \$39,999 | <input type="checkbox"/> \$60,000 - \$79,999 |
| <input type="checkbox"/> \$10,000 - \$24,999 | <input type="checkbox"/> \$40,000 - \$59,000 | <input type="checkbox"/> \$80,000 + |

4. Why are you interested in getting your own lobstering license (check all that apply)?

- | | | |
|---|--|--|
| <input type="checkbox"/> Add another species to my
existing fishing business | <input type="checkbox"/> Get back into the business
after leaving for a while | <input type="checkbox"/> Supplemental income |
| <input type="checkbox"/> Take over the family
lobstering business | <input type="checkbox"/> Only job I've ever done,
want my own business | <input type="checkbox"/> Switch Careers |

5. Do you intend to go lobstering:

- | | | | |
|------------------------------------|--|---|---|
| <input type="checkbox"/> Full Time | <input type="checkbox"/> Part time all
year | <input type="checkbox"/> Hobby/Recreational | <input type="checkbox"/> Part time seasonal |
|------------------------------------|--|---|---|

6. How many traps do you wish to fish per year (maximum # in the water at once)? # _____

7. How much do you currently have invested:

- | | |
|----------------------------|---------------------------|
| a. lobster traps? \$ _____ | b. Lobster boat? \$ _____ |
|----------------------------|---------------------------|

8. How much do you plan to invest?

- | | |
|----------------------------|---------------------------|
| a. lobster traps? \$ _____ | b. Lobster boat? \$ _____ |
|----------------------------|---------------------------|

9. If you were able to get a license, how many sternmen would you employee?

- | | | |
|------------------------------|------------------------------|-------------------------------|
| <input type="checkbox"/> One | <input type="checkbox"/> Two | <input type="checkbox"/> None |
|------------------------------|------------------------------|-------------------------------|

10. Do you support the current entry/exit ratio based on tags retiring in your zone?

- | | |
|---|--|
| <input type="checkbox"/> Yes – keep it as is | <input type="checkbox"/> No – allow fewer entrants |
| <input type="checkbox"/> No – allow more entrants | <input type="checkbox"/> No Opinion |

11. How much longer do you expect to have to wait to obtain a license? # years _____

12. What do you believe should be the goals of a lobster limited entry system? Please answer both parts of the question below:

12. a.) Which of these should be goals of the system
(Check all that apply)

12. b.) Does the current system achieve these goals?
(Using the 1-5 scale below, circle your opinion)

		Strongly Disagree	←	No Opinion	→	Strongly Agree
<input type="checkbox"/>	Stabilize the number of license holders in the fishery	1	2	3	4	5
<input type="checkbox"/>	Reduce the number of license holders in the fishery	1	2	3	4	5
<input type="checkbox"/>	Stabilize the number of traps fished in the fishery	1	2	3	4	5
<input type="checkbox"/>	Reduce the number of traps fished in the fishery	1	2	3	4	5
<input type="checkbox"/>	Protect the lobster resource from depletion	1	2	3	4	5
<input type="checkbox"/>	Ensure the financial viability of existing license holders by limiting participation	1	2	3	4	5
<input type="checkbox"/>	Ensure that there is a mechanism for young people to obtain a lobster license	1	2	3	4	5
<input type="checkbox"/>	Ensure that there is a mechanism for adults to obtain a lobster license	1	2	3	4	5
<input type="checkbox"/>	Other: _____	1	2	3	4	5

13. Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

☐ Yes

☐ No

☐ No Opinion

14. Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?

☐ Yes

☐ No

☐ No Opinion

15. Do you support a quota on pounds of lobster landed per fisherman, per year?

☐ Yes

☐ No

☐ No Opinion

16. Do you believe licenses and/or tags should be transferable?

☐ Yes - Tags

☐ Yes - Licenses

☐ Yes - Both

☐ No - Neither

☐ No Opinion

17. If tags or licenses were transferable, what restrictions should be applied to transfers (check all that apply)?

☐ Inter-family direct relation
(i.e. child/parent, sibling, spouse)

☐ Within a Harbor

☐ Within a Fishing Cooperative

☐ Inter-family distant relations
(i.e. uncle/nephew, cousin, in-law)

☐ Within a Zone

☐ No Restrictions

☐ Owner-operator only

☐ Within Island Communities

☐ Other: _____

18. If licenses were transferrable, how much would you be willing to pay for one? \$ _____

19. If tags were transferrable how much would you be willing to pay for one? \$ _____

Comments (please indicate what question your comment(s) refer to if applicable):

Q01: What percentage of your total household income comes from your lobster business?

		Total	
		Count	%
Q01: What percentage of your total household income comes from your lobster business?	80% - 100%	732.0	51.7%
	50% - 80%	260.0	18.4%
	25%- 50%	146.0	10.3%
	Less than 25%	244.0	17.2%
	NO ANSWER	34.0	2.4%
	Total	1416.0	100.0%

Q02: How many traps did you fish last year (maximum # in the water at once)?

		Total	
		Count	%
Q02: How many traps did you fish last year (maximum # in the water at once)?	0	62.0	4.4%
	1	2.0	.1%
	2	2.0	.1%
	3	1.0	.1%
	6	1.0	.1%
	9	1.0	.1%
	10	3.0	.2%
	12	1.0	.1%
	15	4.0	.3%
	16	1.0	.1%
	18	1.0	.1%
	20	10.0	.7%
	25	7.0	.5%
	26	1.0	.1%
	28	1.0	.1%
	30	7.0	.5%
	35	2.0	.1%
	40	9.0	.6%
	50	26.0	1.8%
	53	1.0	.1%
	55	1.0	.1%
	60	4.0	.3%
	70	2.0	.1%
	75	7.0	.5%
	78	1.0	.1%
	80	7.0	.5%

82	1.0	.1%
90	1.0	.1%
100	33.0	2.3%
115	1.0	.1%
120	4.0	.3%
125	5.0	.4%
130	1.0	.1%
135	2.0	.1%
140	1.0	.1%
150	26.0	1.8%
160	2.0	.1%
165	1.0	.1%
170	2.0	.1%
175	1.0	.1%
180	2.0	.1%
190	2.0	.1%
200	40.0	2.8%
220	1.0	.1%
230	2.0	.1%
235	1.0	.1%
250	19.0	1.3%
270	1.0	.1%
275	2.0	.1%
280	2.0	.1%
300	57.0	4.0%
320	1.0	.1%
325	1.0	.1%
330	3.0	.2%
340	2.0	.1%
350	22.0	1.6%
355	1.0	.1%
360	1.0	.1%
370	1.0	.1%
385	1.0	.1%
400	67.0	4.7%
410	3.0	.2%
425	1.0	.1%
440	1.0	.1%
450	19.0	1.3%
460	1.0	.1%
475	12.0	.8%
490	1.0	.1%
500	62.0	4.4%

505	1.0	.1%
510	1.0	.1%
520	2.0	.1%
525	1.0	.1%
531	1.0	.1%
535	1.0	.1%
537	1.0	.1%
540	1.0	.1%
550	11.0	.8%
570	3.0	.2%
575	3.0	.2%
580	3.0	.2%
585	1.0	.1%
600	126.0	8.9%
621	1.0	.1%
625	2.0	.1%
630	1.0	.1%
640	1.0	.1%
650	11.0	.8%
670	1.0	.1%
675	1.0	.1%
700	41.0	2.9%
704	1.0	.1%
720	5.0	.4%
730	2.0	.1%
745	1.0	.1%
750	20.0	1.4%
760	3.0	.2%
780	5.0	.4%
781	1.0	.1%
784	1.0	.1%
785	1.0	.1%
787	1.0	.1%
790	2.0	.1%
800	542.0	38.3%
900	1.0	.1%
1200	1.0	.1%
5555	1.0	.1%
REF	38.0	2.7%
Total	1416.0	100.0%

Q03: How worried are you about the number of traps fished in your Zone?

		Total	
		Count	%
Q03: How worried are you about the number of traps fished in your Zone?	Very	411.0	29.0%
	Somewhat	494.0	34.9%
	No Worries	422.0	29.8%
	No Opinion	64.0	4.5%
	NO ANSWER	25.0	1.8%
	Total	1416.0	100.0%

Q04A: Stabilize the number of license holders in the fishery

		Total	
		Count	%
Q04A: Stabilize the number of license holders in the fishery	YES	743.0	52.5%
	NO ANSWER	673.0	47.5%
	Total	1416.0	100.0%

Q04A1: Does the current system achieve these goals?

		Total	
		Count	%
Q04A1: Does the current system achieve these goals?	Strongly disagree	164.0	11.6%
	2	106.0	7.5%
	No opinion	150.0	10.6%
	4	230.0	16.2%
	Strongly agree	395.0	27.9%
	NO ANSWER	371.0	26.2%
	Total	1416.0	100.0%

Q04B: Reduce the number of license holders in the fishery

		Total	
		Count	%
Q04B: Reduce the number of license holders in the fishery	YES	511.0	36.1%
	NO ANSWER	905.0	63.9%
	Total	1416.0	100.0%

Q04B1: Does the current system achieve these goals?

		Total	
		Count	%
Q04B1: Does the current system achieve these goals? Strongly disagree		252.0	17.8%

2	131.0	9.3%
No opinion	175.0	12.4%
4	133.0	9.4%
Strongley agree	228.0	16.1%
NO ANSWER	497.0	35.1%
Total	1416.0	100.0%

Q04C: Stabilize the number of traps fished in the fishery

		Total	
		Count	%
Q04C: Stabilize the number of traps fished in the fishery	YES	649.0	45.8%
	NO ANSWER	767.0	54.2%
	Total	1416.0	100.0%

Q04C1: Does the current system achieve these goals?

		Total	
		Count	%
Q04C1: Does the current system achieve these goals?	Strongly disagree	185.0	13.1%
	2	101.0	7.1%
	No opinion	151.0	10.7%
	4	208.0	14.7%
	Strongley agree	346.0	24.4%
	NO ANSWER	425.0	30.0%
	Total	1416.0	100.0%

Q04D: Reduce the number of traps fished in the fishery

		Total	
		Count	%
Q04D: Reduce the number of traps fished in the fishery	YES	630.0	44.5%
	NO ANSWER	786.0	55.5%
	Total	1416.0	100.0%

Q04D1: Does the current system achieve these goals?

		Total	
		Count	%
Q04D1: Does the current system achieve these goals?	Strongly disagree	311.0	22.0%
	2	122.0	8.6%
	No opinion	133.0	9.4%
	4	119.0	8.4%

Strongley agree	305.0	21.5%
NO ANSWER	426.0	30.1%
Total	1416.0	100.0%

Q04E: Protect the lobster resource from depletion

		Total	
		Count	%
Q04E: Protect the lobster resource from depletion	YES	711.0	50.2%
	NO ANSWER	705.0	49.8%
	Total	1416.0	100.0%

Q04E1: Does the current system achieve these goals?

		Total	
		Count	%
Q04E1: Does the current system achieve these goals?	Strongly disagree	109.0	7.7%
	2	54.0	3.8%
	No opinion	158.0	11.2%
	4	183.0	12.9%
	Strongley agree	498.0	35.2%
	NO ANSWER	414.0	29.2%
	Total	1416.0	100.0%

Q04F: Ensure the financial viability of existing license holders by limiting participation

		Total	
		Count	%
Q04F: Ensure the financial viability of existing license holders by limiting participation	YES	709.0	50.1%
	NO ANSWER	707.0	49.9%
	Total	1416.0	100.0%

Q04F1: Does the current system achieve these goals?

		Total	
		Count	%
Q04F1: Does the current system achieve these goals?	Strongly disagree	238.0	16.8%
	2	91.0	6.4%
	No opinion	164.0	11.6%
	4	155.0	10.9%
	Strongley agree	383.0	27.0%
	NO ANSWER	385.0	27.2%

Total	1416.0	100.0%
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Q04G: Ensure that there is a mechanism for young people to obtain a lobster license

		Total	
		Count	%
Q04G: Ensure that there is a mechanism for young people to obtain a lobster license	YES	888.0	62.7%
	NO ANSWER	528.0	37.3%
	Total	1416.0	100.0%

Q04G1: Does the current system achieve these goals?

		Total	
		Count	%
Q04G1: Does the current system achieve these goals?	Strongly disagree	106.0	7.5%
	2	84.0	5.9%
	No opinion	151.0	10.7%
	4	283.0	20.0%
	Strongly agree	534.0	37.7%
	NO ANSWER	258.0	18.2%
	Total	1416.0	100.0%

Q04H: Ensure that there is a mechanism for adults to obtain a lobster license

		Total	
		Count	%
Q04H: Ensure that there is a mechanism for adults to obtain a lobster license	YES	564.0	39.8%
	NO ANSWER	852.0	60.2%
	Total	1416.0	100.0%

Q04H1: Does the current system achieve these goals?

		Total	
		Count	%
Q04H1: Does the current system achieve these goals?	Strongly disagree	246.0	17.4%
	2	114.0	8.1%
	No opinion	196.0	13.8%
	4	140.0	9.9%
	Strongly agree	252.0	17.8%
	NO ANSWER	468.0	33.1%
	Total	1416.0	100.0%

Q04I: Other

		Total	
		Count	%
Q04I: Other	YES	229.0	16.2%
	NO ANSWER	1187.0	83.8%
	Total	1416.0	100.0%

Q04I1: Does the current system achieve these goals?

		Total	
		Count	%
Q04I1: Does the current system achieve these goals?	Strongly disagree	41.0	2.9%
	2	4.0	.3%
	No opinion	13.0	.9%
	4	5.0	.4%
	Strongly agree	139.0	9.8%
	NO ANSWER	1214.0	85.7%
	Total	1416.0	100.0%

Q04J: Other

		Total	
		Count	%
Q04J: Other	YES	64.0	4.5%
	NO ANSWER	1352.0	95.5%
	Total	1416.0	100.0%

Q04J1: Does the current system achieve these goals?

		Total	
		Count	%
Q04J1: Does the current system achieve these goals?	Strongly disagree	16.0	1.1%
	2	1.0	.1%
	No opinion	16.0	1.1%
	4	1.0	.1%
	Strongly agree	39.0	2.8%
	NO ANSWER	1343.0	94.8%
	Total	1416.0	100.0%

Q05: Do you favor a change to the current trap limit per person in your zone?

		Total	
		Count	%
Q05: Do you favor a change to the current trap limit per person in your zone?	Yes - Increase	94.0	6.6%
	Yes - Decrease	552.0	39.0%
	No Change	755.0	53.3%
	NO ANSWER	15.0	1.1%
	Total	1416.0	100.0%

Q06: If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?

		Total	
		Count	%
Q06: If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?	Proportional	396.0	28.0%
	Across-the-board	802.0	56.6%
	No Opinion	153.0	10.8%
	NO ANSWER	65.0	4.6%
	Total	1416.0	100.0%

Q07: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

		Total	
		Count	%
Q07: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?	Yes	724.0	51.1%
	No	563.0	39.8%
	No Opinion	111.0	7.8%
	NO ANSWER	18.0	1.3%
	Total	1416.0	100.0%

Q08: Do you support the current entry or exit ratio based on tags retiring in your zone?

		Total	
		Count	%
Q08: Do you support the current entry or exit ratio based on tags retiring in your zone?	Yes - keep it as is	732.0	51.7%
	No - allow fewer entrants	300.0	21.2%
	No - allow more entrants	198.0	14.0%
	No Opinion	149.0	10.5%

NO ANSWER	37.0	2.6%
Total	1416.0	100.0%

Q09: Do you favor eliminating latent effort in the form of trap tags that are not issued?

		Total	
		Count	%
Q09: Do you favor eliminating latent effort in the form of trap tags that are not issued?	Yes	431.0	30.4%
	No	509.0	35.9%
	No Opinion	417.0	29.4%
	NO ANSWER	59.0	4.2%
	Total	1416.0	100.0%

Q10: Do you support eliminating latent effort in the form of removing licenses not being fished?

		Total	
		Count	%
Q10: Do you support eliminating latent effort in the form of removing licenses not being fished?	Yes	582.0	41.1%
	No	663.0	46.8%
	No Opinion	144.0	10.2%
	NO ANSWER	27.0	1.9%
	Total	1416.0	100.0%

Q11: Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?

		Total	
		Count	%
Q11: Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?	Yes	419.0	29.6%
	No	802.0	56.6%
	No Opinion	158.0	11.2%
	NO ANSWER	37.0	2.6%
	Total	1416.0	100.0%

Q12: Do you believe licenses and or tags should be transferable?

		Total	
		Count	%
Q12: Do you believe licenses and or tags should be transferable?	Yes - Tags	71.0	5.0%
	Yes - Licenses	285.0	20.1%
	Yes - Both	511.0	36.1%
	No - Neither	488.0	34.5%

No Opinion	44.0	3.1%
NO ANSWER	17.0	1.2%
Total	1416.0	100.0%

Q13: If tags were transferable, how many traps would you ideally fish (max # in the water at once)?

		Total	
		Count	%
Q13: If tags were transferable, how many traps would you ideally fish (max # in the water at once)?	0	20.0	1.4%
	3	1.0	.1%
	4	1.0	.1%
	6	1.0	.1%
	9	1.0	.1%
	11	1.0	.1%
	15	1.0	.1%
	16	1.0	.1%
	18	1.0	.1%
	20	2.0	.1%
	25	3.0	.2%
	35	1.0	.1%
	40	2.0	.1%
	50	12.0	.8%
	60	1.0	.1%
	80	5.0	.4%
	100	25.0	1.8%
	120	2.0	.1%
	135	1.0	.1%
	150	16.0	1.1%
	200	22.0	1.6%
	225	1.0	.1%
	250	9.0	.6%
	300	44.0	3.1%
	350	12.0	.8%
	360	1.0	.1%
	400	77.0	5.4%
	450	16.0	1.1%
	475	5.0	.4%
	500	63.0	4.4%
	503	1.0	.1%
	550	4.0	.3%
	575	1.0	.1%
	600	147.0	10.4%

650	11.0	.8%
700	19.0	1.3%
750	6.0	.4%
760	1.0	.1%
777	1.0	.1%
790	2.0	.1%
800	326.0	23.0%
900	23.0	1.6%
1000	41.0	2.9%
1050	1.0	.1%
1100	3.0	.2%
1200	67.0	4.7%
1300	1.0	.1%
1350	1.0	.1%
1400	1.0	.1%
1500	4.0	.3%
1600	25.0	1.8%
1800	1.0	.1%
2000	7.0	.5%
2500	1.0	.1%
3000	1.0	.1%
4000	1.0	.1%
5000	1.0	.1%
6000	1.0	.1%
9997	1.0	.1%
REF	368.0	26.0%
Total	1416.0	100.0%

Q14: If tags or licenses were transferable, what restrictions should be applied to transfers?

		Total	
		Count	%
\$Q14	Inter-family direct relation	694.0	49.0%
	Within a Harbor	76.0	5.4%
	Within a Fishing Cooperative	21.0	1.5%
	Inter-family distant relations	215.0	15.2%
	Within a Zone	369.0	26.1%
	No Restrictions	215.0	15.2%
	Owner-operator only	439.0	31.0%
	Within Island Communities	115.0	8.1%

Other	101.0	7.1%
NO ANSWER	112.0	7.9%
Total	1416.0	100.0%

Q15: Do you support an overall limit on total lbs. of lobster landed in Maine per year?

		Total	
		Count	%
Q15: Do you support an overall limit on total lbs. of lobster landed in Maine per year?	Yes	90.0	6.4%
	No	1262.0	89.1%
	No Opinion	46.0	3.2%
	NO ANSWER	18.0	1.3%
	Total	1416.0	100.0%

Q16: Do you support a quota on pounds of lobster landed per zone per year?

		Total	
		Count	%
Q16: Do you support a quota on pounds of lobster landed per zone per year?	Yes	76.0	5.4%
	No	1272.0	89.8%
	No Opinion	50.0	3.5%
	NO ANSWER	18.0	1.3%
	Total	1416.0	100.0%

Q17: Do you support a quota on pounds of lobster landed per fisherman per year?

		Total	
		Count	%
Q17: Do you support a quota on pounds of lobster landed per fisherman per year?	Yes	102.0	7.2%
	No	1250.0	88.3%
	No Opinion	47.0	3.3%
	NO ANSWER	17.0	1.2%
	Total	1416.0	100.0%

Q18: If quota were transferable, what restrictions should be applied?

		Total	
		Count	%
\$Q18	Inter-family direct relation	476.0	33.6%
	Within a Harbor	69.0	4.9%

Within a Fishing Cooperative	18.0	1.3%
Inter-family distant relations	137.0	9.7%
Within a Zone	263.0	18.6%
No Restrictions	299.0	21.1%
Owner-operator only	344.0	24.3%
Within Island Communities	66.0	4.7%
Other	115.0	8.1%
NO ANSWER	221.0	15.6%
Total	1416.0	100.0%

Q01: What is your current employment status?

		Total	
		Count	%
Q01: What is your current employment status?	Employed Full time (Fishing)	82.0	26.2%
	Employed Full time(Other)	44.0	14.1%
	Employed Part time (Fishing)	44.0	14.1%
	Employed Part time (Other)	13.0	4.2%
	Unemployed less than 6 months	15.0	4.8%
	Retired	3.0	1.0%
	Unemployed more than 6 months	8.0	2.6%
	Student	102.0	32.6%
	NO ANSWER	2.0	.6%
	Total	313.0	100.0%

Q02: What is your educational background?

		Total	
		Count	%
Q02: What is your educational background?	Some High School	56.0	17.9%
	High School/GED	109.0	34.8%
	College - Associates, technical, or	42.0	13.4%
	College - Bachelor's degree	32.0	10.2%
	College - Graduate degree	12.0	3.8%
	Other/None	55.0	17.6%
	NO ANSWER	7.0	2.2%
	Total	313.0	100.0%

Q03: Approximately, how much do you currently earn per year?

		Total	
		Count	%
Q03: Approximately, how much do you currently earn per year?	\$0 - \$9,999 £	127.0	40.6%
	\$10,000 - \$24,999	55.0	17.6%
	\$25,000 - \$39,999	66.0	21.1%
	\$40,000 - \$59,000	34.0	10.9%
	\$60,000 - \$79,999	12.0	3.8%
	\$80,000 +	11.0	3.5%
	NO ANSWER	8.0	2.6%
	Total	313.0	100.0%

Q04: Why are you interested in getting your own lobstering license?

		Total	

		Count	%
\$Q04	Add another species to my	16.0	5.1%
	Take over the family lobstering	125.0	39.9%
	Get back into the business after	58.0	18.5%
	Only job I've ever done, want my	133.0	42.5%
	Supplemental income	66.0	21.1%
	Switch Careers	39.0	12.5%
	NO ANSWER	9.0	2.9%
	Total	313.0	100.0%

Q05: Do you intend to go lobstering:

		Total	
		Count	%
Q05: Do you intend to go lobstering:	Full Time	187.0	59.7%
	Part time all year	28.0	8.9%
	Hobby/Recreational	5.0	1.6%
	Part time seasonal	90.0	28.8%
	NO ANSWER	3.0	1.0%
	Total	313.0	100.0%

Q06: How many traps do you wish to fish per year?

		Total	
		Count	%
Q06: How many traps do you wish to fish per year?	0	3.0	1.0%
	5	1.0	.3%
	10	4.0	1.3%
	12	1.0	.3%
	20	1.0	.3%
	30	1.0	.3%
	40	1.0	.3%
	50	9.0	2.9%
	70	1.0	.3%
	75	1.0	.3%
	100	9.0	2.9%
	150	21.0	6.7%
	200	12.0	3.8%
	250	3.0	1.0%
	300	14.0	4.5%
	350	1.0	.3%
	400	15.0	4.8%
	450	1.0	.3%
	475	6.0	1.9%

500	15.0	4.8%
600	43.0	13.7%
700	2.0	.6%
800	130.0	41.5%
1000	1.0	.3%
2000	1.0	.3%
NO ANSWER	16.0	5.1%
Total	313.0	100.0%

Q07A: How much do you currently have invested in lobster traps?

	Total	
	Count	%
Q07A: How much do you currently have invested in 0	84.0	26.8%
lobster traps?		
5	1.0	.3%
10	1.0	.3%
100	6.0	1.9%
150	2.0	.6%
200	5.0	1.6%
250	5.0	1.6%
300	2.0	.6%
400	3.0	1.0%
500	11.0	3.5%
560	1.0	.3%
600	4.0	1.3%
750	1.0	.3%
800	2.0	.6%
1000	24.0	7.7%
1170	1.0	.3%
1200	1.0	.3%
1400	1.0	.3%
1500	5.0	1.6%
2000	16.0	5.1%
2200	1.0	.3%
2500	8.0	2.6%
3000	13.0	4.2%
3500	2.0	.6%
4000	8.0	2.6%
4500	1.0	.3%
5000	18.0	5.8%
5500	2.0	.6%
6000	6.0	1.9%
7000	2.0	.6%
7500	3.0	1.0%

8000	2.0	.6%
9000	1.0	.3%
10000	9.0	2.9%
12000	6.0	1.9%
13000	1.0	.3%
14500	1.0	.3%
15000	4.0	1.3%
20000	3.0	1.0%
28000	1.0	.3%
30000	1.0	.3%
40000	1.0	.3%
50000	1.0	.3%
51000	1.0	.3%
51750	1.0	.3%
NO ANSWER	40.0	12.8%
Total	313.0	100.0%

Q07B: How much do you currently have invested in Lobster boat?

		Total	
		Count	%
Q07B: How much do you currently have invested in 0		102.0	32.6%
Lobster boat?			
	400	1.0	.3%
	500	6.0	1.9%
	800	1.0	.3%
	1000	7.0	2.2%
	1500	9.0	2.9%
	2000	3.0	1.0%
	2700	1.0	.3%
	3000	10.0	3.2%
	3500	5.0	1.6%
	4000	7.0	2.2%
	4500	1.0	.3%
	4600	1.0	.3%
	5000	15.0	4.8%
	5500	1.0	.3%
	6000	8.0	2.6%
	7000	9.0	2.9%
	8000	2.0	.6%
	9000	1.0	.3%
	9500	2.0	.6%
	10000	17.0	5.4%
	10500	1.0	.3%
	12000	3.0	1.0%

15000	5.0	1.6%
16000	1.0	.3%
18000	1.0	.3%
18500	1.0	.3%
20000	9.0	2.9%
22000	1.0	.3%
25000	5.0	1.6%
27000	2.0	.6%
28000	2.0	.6%
30000	3.0	1.0%
34000	1.0	.3%
40000	3.0	1.0%
45000	1.0	.3%
50000	2.0	.6%
60000	2.0	.6%
70000	1.0	.3%
80000	2.0	.6%
90000	1.0	.3%
100000	1.0	.3%
120000	2.0	.6%
160000	2.0	.6%
NO ANSWER	52.0	16.6%
Total	313.0	100.0%

Q08A: How much do you plan to invest in lobster traps?

		Total	
		Count	%
Q08A: How much do you plan to invest in lobster traps?	0	8.0	2.6%
	150	1.0	.3%
	200	1.0	.3%
	250	1.0	.3%
	300	2.0	.6%
	500	3.0	1.0%
	900	1.0	.3%
	1000	7.0	2.2%
	1500	1.0	.3%
	2000	5.0	1.6%
	2100	1.0	.3%
	2500	5.0	1.6%
	3000	5.0	1.6%
	3500	1.0	.3%
	4000	3.0	1.0%
	4500	1.0	.3%

5000	18.0	5.8%
6000	8.0	2.6%
6400	1.0	.3%
6500	1.0	.3%
7000	1.0	.3%
7500	1.0	.3%
8000	2.0	.6%
10000	30.0	9.6%
12000	3.0	1.0%
13000	1.0	.3%
15000	12.0	3.8%
18000	1.0	.3%
20000	20.0	6.4%
24000	2.0	.6%
25000	8.0	2.6%
30000	16.0	5.1%
35000	1.0	.3%
36000	1.0	.3%
40000	6.0	1.9%
50000	14.0	4.5%
57000	2.0	.6%
60000	12.0	3.8%
64000	1.0	.3%
72000	1.0	.3%
80000	12.0	3.8%
100000	5.0	1.6%
As much as I need to/Whatever I	21.0	6.7%
NO ANSWER	66.0	21.1%
Total	313.0	100.0%

Q08B: How much do you plan to invest in Lobster boat?

		Total	
		Count	%
Q08B: How much do you plan to invest in Lobster boat?	0	15.0	4.8%
	400	1.0	.3%
	1000	5.0	1.6%
	1500	1.0	.3%
	2000	3.0	1.0%
	4000	1.0	.3%
	4500	1.0	.3%
	5000	7.0	2.2%
	6000	1.0	.3%
	6500	1.0	.3%

8000	1.0	.3%
9000	1.0	.3%
10000	21.0	6.7%
11000	1.0	.3%
15000	5.0	1.6%
20000	15.0	4.8%
25000	7.0	2.2%
30000	7.0	2.2%
35000	4.0	1.3%
40000	12.0	3.8%
45000	1.0	.3%
50000	32.0	10.2%
60000	11.0	3.5%
70000	3.0	1.0%
75000	5.0	1.6%
80000	2.0	.6%
85000	1.0	.3%
90000	1.0	.3%
95000	1.0	.3%
100000	18.0	5.8%
125000	1.0	.3%
130000	1.0	.3%
150000	10.0	3.2%
160000	1.0	.3%
175000	1.0	.3%
200000	7.0	2.2%
230000	1.0	.3%
250000	2.0	.6%
300000	3.0	1.0%
450000	1.0	.3%
999999	1.0	.3%
As much as I need to/Whatever I	18.0	5.8%
NO ANSWER	81.0	25.9%
Total	313.0	100.0%

Q09: If you were able to get a license, how many sternmen would you employee?

		Total	
		Count	%
Q09: If you were able to get a license, how many sternmen would you employee?	None	45.0	14.4%
	One	216.0	69.0%
	Two	48.0	15.3%
	NO ANSWER	4.0	1.3%
	Total	313.0	100.0%

Q10: Do you support the current entry or exit ratio based on tags retiring in your zone?

		Total	
		Total	
		Count	%
Q10: Do you support the current entry or exit ratio based on tags retiring in your zone?	Yes - keep it as is	91.0	29.1%
	No - allow fewer entrants	9.0	2.9%
	No - allow more entrants	171.0	54.6%
	No Opinion	33.0	10.5%
	NO ANSWER	9.0	2.9%
	Total	313.0	100.0%

Q11: How much longer do you expect to have to wait to obtain a license?

		Total	
		Total	
		Count	%
Q11: How much longer do you expect to have to wait to obtain a license?	0	10.0	3.2%
	1	26.0	8.3%
	2	31.0	9.9%
	3	24.0	7.7%
	4	17.0	5.4%
	5	29.0	9.3%
	6	11.0	3.5%
	7	13.0	4.2%
	8	9.0	2.9%
	9	4.0	1.3%
	10	35.0	11.2%
	11	1.0	.3%
	12	3.0	1.0%
	14	2.0	.6%
	15	10.0	3.2%
	16	1.0	.3%
	20	17.0	5.4%
	24	1.0	.3%
	25	5.0	1.6%
	26	1.0	.3%
	30	5.0	1.6%
	35	1.0	.3%
	39	1.0	.3%
	40	8.0	2.6%
	50	5.0	1.6%
	Forever/a long time	8.0	2.6%
	NO ANSWER	35.0	11.2%
	Total	313.0	100.0%

Q12A: Stabilize the number of license holders in the fishery

		Total	
		Count	%
Q12A: Stabilize the number of license holders in the fishery	YES	125.0	39.9%
	NO ANSWER	188.0	60.1%
	Total	313.0	100.0%

Q12A1: Stabilize the number of license holders in the fishery

		Total	
		Count	%
Q12A1: Stabilize the number of license holders in the fishery	Strongly disagree	43.0	13.7%
	2	31.0	9.9%
	No opinion	41.0	13.1%
	4	64.0	20.4%
	Strongley agree	56.0	17.9%
	NO ANSWER	78.0	24.9%
	Total	313.0	100.0%

Q12B: Reduce the number of license holders in the fishery

		Total	
		Count	%
Q12B: Reduce the number of license holders in the fishery	YES	49.0	15.7%
	NO ANSWER	264.0	84.3%
	Total	313.0	100.0%

Q12B1: Does the current system achieve these goals?

		Total	
		Count	%
Q12B1: Does the current system achieve these goals?	Strongly disagree	76.0	24.3%
	2	30.0	9.6%
	No opinion	32.0	10.2%
	4	30.0	9.6%
	Strongley agree	40.0	12.8%
	NO ANSWER	105.0	33.5%
	Total	313.0	100.0%

Q12C: Stabilize the number of traps fished in the fishery

		Total	

		Count	%
Q12C: Stabilize the number of traps fished in the fishery	YES	130.0	41.5%
	NO ANSWER	183.0	58.5%
	Total	313.0	100.0%

Q12C1: Does the current system achieve these goals?

		Total	
		Count	%
Q12C1: Does the current system achieve these goals?	Strongly disagree	45.0	14.4%
	2	24.0	7.7%
	No opinion	49.0	15.7%
	4	59.0	18.8%
	Strongley agree	62.0	19.8%
	NO ANSWER	74.0	23.6%
	Total	313.0	100.0%

Q12D: Reduce the number of traps fished in the fishery

		Total	
		Count	%
Q12D: Reduce the number of traps fished in the fishery	YES	61.0	19.5%
	NO ANSWER	252.0	80.5%
	Total	313.0	100.0%

Q12D1: Does the current system achieve these goals?

		Total	
		Count	%
Q12D1: Does the current system achieve these goals?	Strongly disagree	72.0	23.0%
	2	27.0	8.6%
	No opinion	47.0	15.0%
	4	29.0	9.3%
	Strongley agree	28.0	8.9%
	NO ANSWER	110.0	35.1%
	Total	313.0	100.0%

Q12E: Protect the lobster resource from depletion

		Total	
		Count	%
Q12E: Protect the lobster resource from depletion	YES	161.0	51.4%
	NO ANSWER	152.0	48.6%
	Total	313.0	100.0%

Q12E1: Does the current system achieve these goals?

		Total	
		Count	%
Q12E1: Does the current system achieve these goals?	Strongly disagree	28.0	8.9%
	2	16.0	5.1%
	No opinion	43.0	13.7%
	4	51.0	16.3%
	Strongly agree	106.0	33.9%
	NO ANSWER	69.0	22.0%
	Total	313.0	100.0%

Q12F: Ensure the financial viability of existing license holders by limiting participation

		Total	
		Count	%
Q12F: Ensure the financial viability of existing license holders by limiting participation	YES	73.0	23.3%
	NO ANSWER	240.0	76.7%
	Total	313.0	100.0%

Q12F1: Does the current system achieve these goals?

		Total	
		Count	%
Q12F1: Does the current system achieve these goals?	Strongly disagree	58.0	18.5%
	2	18.0	5.8%
	No opinion	52.0	16.6%
	4	34.0	10.9%
	Strongly agree	52.0	16.6%
	NO ANSWER	99.0	31.6%
	Total	313.0	100.0%

Q12G: Ensure that there is a mechanism for young people to obtain a lobster license

		Total	
		Count	%
Q12G: Ensure that there is a mechanism for young people to obtain a lobster license	YES	198.0	63.3%
	NO ANSWER	115.0	36.7%
	Total	313.0	100.0%

Q12G1: Does the current system achieve these goals?

		Total	

		Count	%
Q12G1: Does the current system achieve these goals?	Strongly disagree	35.0	11.2%
	2	16.0	5.1%
	No opinion	24.0	7.7%
	4	62.0	19.8%
	Strongley agree	134.0	42.8%
	NO ANSWER	42.0	13.4%
	Total	313.0	100.0%

Q12H: Ensure that there is a mechanism for adults to obtain a lobster license

		Total	
		Count	%
Q12H: Ensure that there is a mechanism for adults to obtain a lobster license	YES	160.0	51.1%
	NO ANSWER	153.0	48.9%
	Total	313.0	100.0%

Q12H1: Does the current system achieve these goals?

		Total	
		Count	%
Q12H1: Does the current system achieve these goals?	Strongly disagree	83.0	26.5%
	2	19.0	6.1%
	No opinion	36.0	11.5%
	4	36.0	11.5%
	Strongley agree	77.0	24.6%
	NO ANSWER	62.0	19.8%
	Total	313.0	100.0%

Q12I: Other

		Total	
		Count	%
Q12I: Other	YES	54.0	17.3%
	NO ANSWER	259.0	82.7%
	Total	313.0	100.0%

Q12I1: Does the current system achieve these goals?

		Total	
		Count	%
Q12I1: Does the current system achieve these goals?	Strongly disagree	14.0	4.5%
	No opinion	4.0	1.3%
	4	1.0	.3%

Strongly agree	36.0	11.5%
NO ANSWER	258.0	82.4%
Total	313.0	100.0%

Q13: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

		Total	
		Count	%
Q13: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?	Yes	188.0	60.1%
	No	106.0	33.9%
	No Opinion	14.0	4.5%
	NO ANSWER	5.0	1.6%
	Total	313.0	100.0%

Q14: Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?

		Total	
		Count	%
Q14: Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?	Yes	122.0	39.0%
	No	161.0	51.4%
	No Opinion	23.0	7.3%
	NO ANSWER	7.0	2.2%
	Total	313.0	100.0%

Q15: Do you support a quota on pounds of lobster landed per fisherman, per year?

		Total	
		Count	%
Q15: Do you support a quota on pounds of lobster landed per fisherman, per year?	Yes	32.0	10.2%
	No	258.0	82.4%
	No Opinion	20.0	6.4%
	NO ANSWER	3.0	1.0%
	Total	313.0	100.0%

Q16: Do you believe licenses and/or tags should be transferable?

		Total	
		Count	%
Q16: Do you believe licenses and/or tags should be transferable?	Yes - Tags	15.0	4.8%
	Yes - Licenses	56.0	17.9%
	Yes - Both	142.0	45.4%
	No - Neither	80.0	25.6%
	No Opinion	12.0	3.8%
	NO ANSWER	8.0	2.6%

Total	313.0	100.0%
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Q17: If tags or licenses were transferable, what restrictions should be applied to transfers?

		Total	
		Count	%
\$Q17	Inter-family direct relation	175.0	55.9%
	Within a Harbor	34.0	10.9%
	Within a Fishing Cooperative	6.0	1.9%
	Inter-family distant relations	71.0	22.7%
	Within a Zone	117.0	37.4%
	No Restrictions	39.0	12.5%
	Owner-operator only	46.0	14.7%
	Within Island Communities	29.0	9.3%
	Other	15.0	4.8%
	NO ANSWER	19.0	6.1%
	Total	313.0	100.0%

Q18: If licenses were transferrable, how much would you be willing to pay for one?

		Total	
		Count	%
Q18: If licenses were transferrable, how much would you be willing to pay for one?	0	36.0	11.5%
	1	4.0	1.3%
	10	1.0	.3%
	50	1.0	.3%
	60	1.0	.3%
	70	1.0	.3%
	100	4.0	1.3%
	132	1.0	.3%
	150	3.0	1.0%
	167	1.0	.3%
	200	5.0	1.6%
	250	1.0	.3%
	300	4.0	1.3%
	400	1.0	.3%
	500	11.0	3.5%
	600	1.0	.3%
	800	1.0	.3%
	1000	16.0	5.1%
	1500	3.0	1.0%
	2000	4.0	1.3%
	2500	1.0	.3%
	3000	3.0	1.0%

5000	22.0	7.0%
6000	1.0	.3%
10000	30.0	9.6%
15000	6.0	1.9%
16000	1.0	.3%
20000	15.0	4.8%
25000	3.0	1.0%
30000	4.0	1.3%
40000	1.0	.3%
50000	6.0	1.9%
75000	1.0	.3%
100000	9.0	2.9%
1000000	1.0	.3%
As much as it takes/market value	12.0	3.8%
NO ANSWER	97.0	31.0%
Total	313.0	100.0%

Q19: If tags were transferrable how much would you be willing to pay for one?

		Total	
		Count	%
Q19: If tags were transferrable how much would you be willing to pay for one?	0	38.0	12.1%
	1	64.0	20.4%
	2	16.0	5.1%
	3	1.0	.3%
	5	15.0	4.8%
	6	1.0	.3%
	9	1.0	.3%
	10	16.0	5.1%
	20	6.0	1.9%
	25	2.0	.6%
	30	1.0	.3%
	40	1.0	.3%
	50	5.0	1.6%
	100	8.0	2.6%
	200	1.0	.3%
	500	4.0	1.3%
	1000	1.0	.3%
	5000	2.0	.6%
	10000	2.0	.6%
	50000	1.0	.3%
	100000	3.0	1.0%
	As much as it takes/market value	13.0	4.2%
	NO ANSWER	111.0	35.5%
	Total	313.0	100.0%

E1. Methodology

Introduction:

Under a contract with the Maine Department of Marine Resources, The Gulf of Maine Research Institute (GMRI) wished to gather information from members and potential members of the lobster industry regarding the current Maine Limited Entry Lobster License System (LELLS). As part of this process, GMRI hired Market Decisions to conduct a mail survey to gather information.

Sample:

The sample files consisted of commercial lobster license holders as well as those not holding a commercial license but are on waiting lists to acquire a license or who are completing training. Sample lists were provided by GMRI and consisted of 5,195 commercial lobster license holders and 1,572 non-license holders (1,276 in training programs and 296 on a waiting list). Sample files contained addresses for mailing.

Survey:

A separate survey was developed for the license holder and non-license holder groups. The 2 page surveys were developed by GMRI and provided to Market Decisions for printing and mailing.

Data Collection:

Data collection took place between August 10, 2012 and September 10, 2012. Potential respondents from the sample list were mailed a survey along with a cover letter stating the purpose of the research, and a business reply mail envelope for easy return to Market Decisions. In addition to the survey, GMRI collected comments through public meetings and provided on the back of the cover letter was a list of those meetings which were scheduled to be held in various locations across the state regarding the limited entry lobster license system. Furthermore, additional comments were gathered through a dedicated phone line set up at Market Decisions. The number and instructions on how to access the phone line were included in the cover letter as well.

Survey data were collected on 1,416 license holders and 313 non-license holders. A breakdown of response rates is provided in the table below and a total of 44 comments were collected by phone.

Type of Survey	Total Surveys Mailed	Returned as Bad Address	Total Completed Surveys Returned	Response Rate
License Holder	5,195	27	1,416	27.4%
Non-License Holder	1,572	20	313	20.2%
<i>Total</i>	<i>6,767</i>	<i>47</i>	<i>1,730</i>	<i>25.7%</i>

According to the distribution of population, the distribution of our LELLS license holders sample by zones is relative similar to the distribution of the population, such as shown in Figure 1.

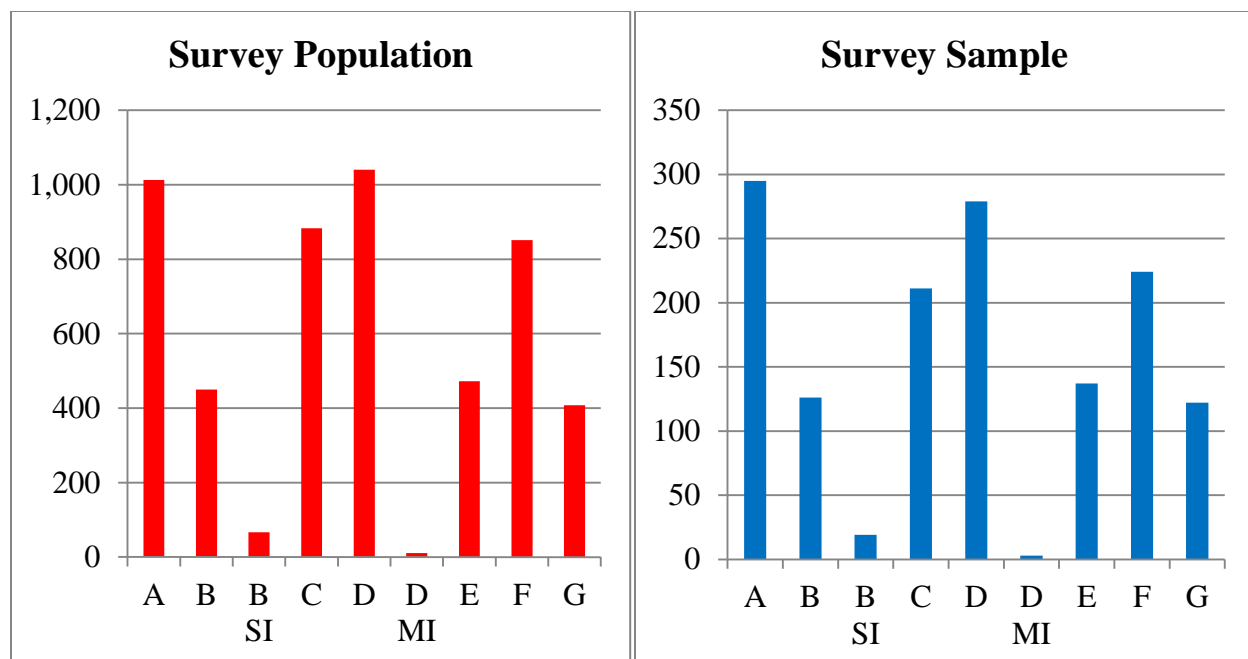


Figure E1 Comparison of the Distribution of the LELLS Survey Population and Survey Sample of License Holders by Zone

Appendices C shows the contingency table results of GMRI's 2012 survey of individuals who hold lobster licenses and Appendix D shows the contingency table results of GMRI's 2012 survey of individuals who do not hold a lobster license, respectively, in the state of Maine. Three frequency diagrams are presented for each multiple choice questions on the survey. For the license holder survey, responses are broken up by the respondent's declared zone in the first diagram, by the number of trap tags issued to the respondent in 2012 in the second diagram, and by the respondent's lobster landings in 2012 in the third diagram.

For the non-license holder survey, responses are broken up by the zone for which the respondent wants a license in the first diagram, by the type of non-commercial license the respondent holds in the second diagram, and by the respondent's age in the third diagram. Questions in either survey that did not request a multiple choice or binnable response are not presented.

The following section focuses on a discussion of the goal setting question "*What are the goals of a lobster limited entry system?*" in both survey categories. This question was asked first during our 2nd working group meeting on September 25, 2012.

E2. What are the goals of a lobster limited entry system?

A. Responses from Current Existing License Holders

Question 4(a) of the LELLS survey for current lobster license holders asks “*What do you believe should be the goals of a lobster limited entry system?*” Table Q4-1 shows the survey responses of current lobster license holders in regard to the eight limited entry lobster license system goals listed with the question.

Respondents were asked to select all goals that apply. The clear favorite among respondents is the goal of having a LLELS work as a mechanism for young people to obtain a lobster license. The nearly 23% margin of selection advantage it holds over the goal choice of having a LLELS work as a mechanism for adults to obtain a lobster license may reflect the desire of lobstering families to ensure entry possibilities for the next generation.

While slightly more than half of all respondents included financial viability of existing license holders by limiting participation as a goal, their least popular choice, at 36.1%, was to reduce the number of license holders. This may be indicative of there being a greater concern among lobstermen about who gets a license than about how many licenses are given.

Table Q4-1 Lobster License Holder Responses Re: Limited Entry License System Goals

License holders' Responses: Goal	# of Yes and %	
Mechanism for young people to obtain a lobster license	888	62.7
Stabilize the number of license holders	743	52.5
Protect the lobster resource from depletion	711	50.2
Financial viability of existing license holders by limiting participation	709	50.1
Stabilize the number of traps fished	649	45.8
Reduce the number of traps fished	630	44.5
Mechanism for adults to obtain a lobster license	564	39.8
Reduce the number of license holders	511	36.1
Other	293	20.7

Question number 4(b) of the LELLS survey for current lobster license holders asks “*Does the current system achieve these goals?*” Respondents were asked to give their opinion by way of choosing a number on a scale of 1 to 5, with 1 meaning strongly disagree and 5 meaning strongly agree. Figures Q4-1 through Q4-8 below illustrates the survey response to this question.

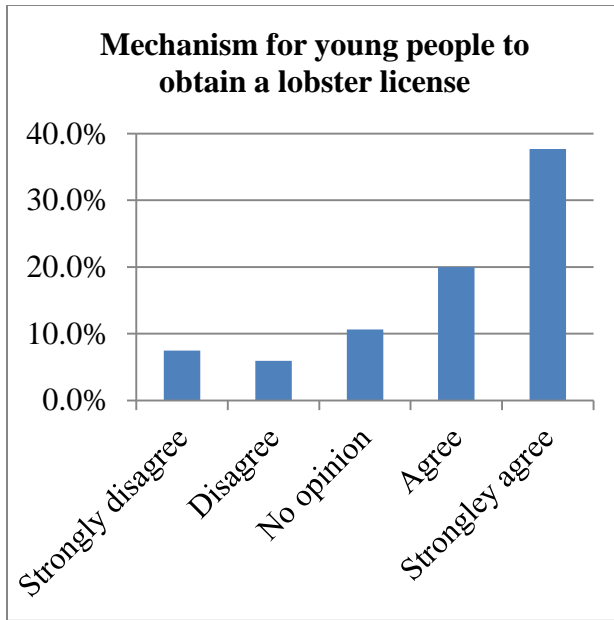


Figure Q4-1 Lobster License Holder Opinions of Making a LLELS a Mechanism for Young People to Obtain a License

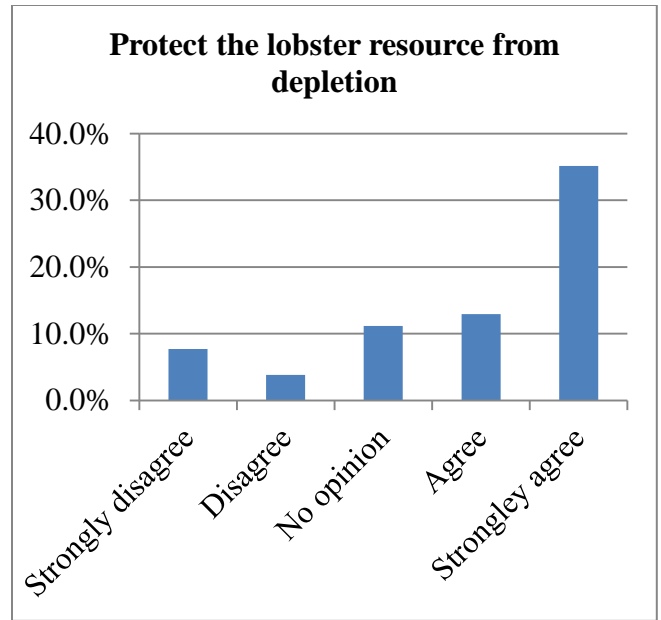


Figure Q4-3 Lobster License Holder Opinions of the Goal of Having a LLES Protect the Lobster Source from Depletion

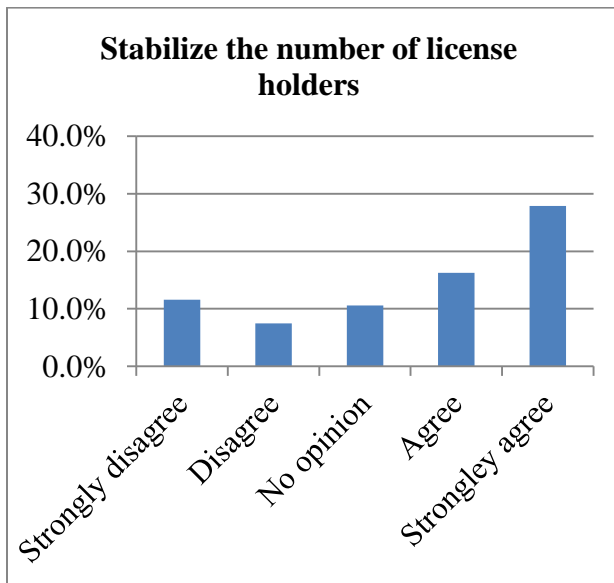


Figure Q4-2 Lobster License Holder Opinions of the Goal of Having a LLES Stabilize the Number of License Holders

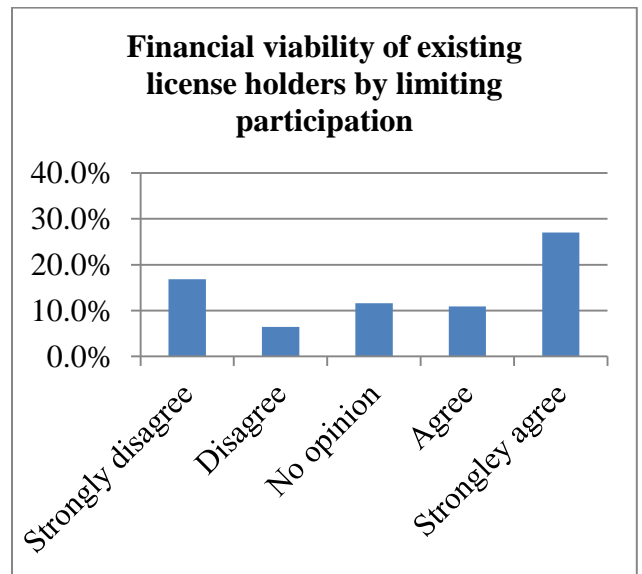


Figure Q4-4 Lobster License Holder Opinions of the Goal of Having a LLES Achieve the Financial Viability of Existing License Holders by Limiting Participation

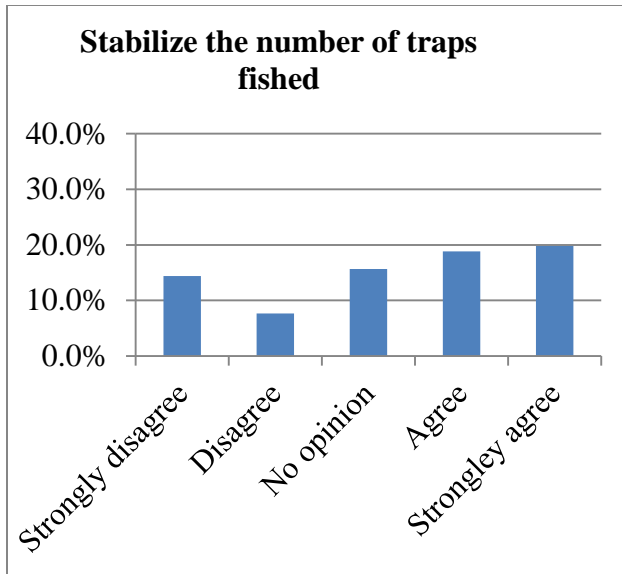


Figure Q4-5 Lobster License Holder Opinions of the Goal of Having a LLES Stabilize the Number of Traps Fished

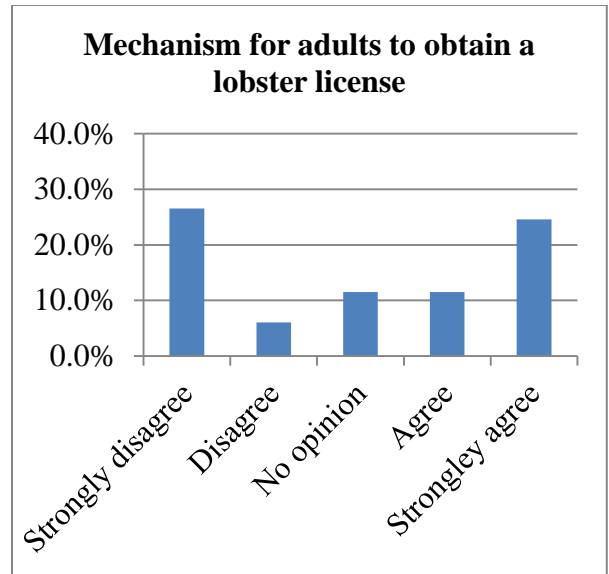


Figure Q4-7 Lobster License Holder Opinions of the Goal of Having a LLES be a Mechanism for Adults to Obtain a License

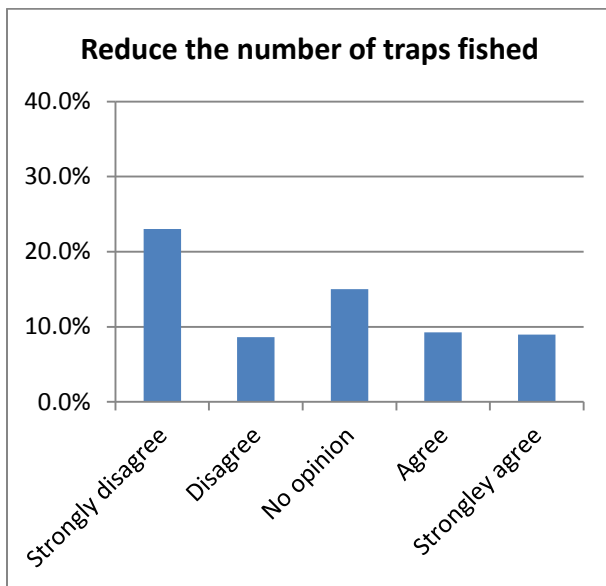


Figure Q4-6 Lobster License Holder Opinions of the Goal of Having a LLES Reduce the Number of Traps Fished

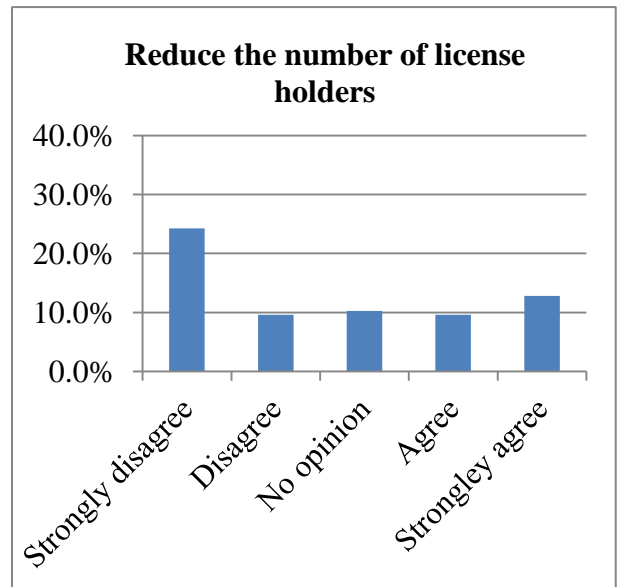


Figure Q4-8 Lobster License Holder Opinions of the Goal of Having a LLES Reduce the Number of License Holders

B. Responses from Non-License Holders

Question number 12a of the LELLS survey for non-license holders states “*What do you believe should be the goals of a lobster limited entry system?*” Table QQ12-1 shows the survey responses of non- license holders in regard to eight limited entry lobster license system goals. Respondents were asked to select all goals that apply. As in the license holder survey, the clear favorite among respondents is the goal of having a LLELS work as a mechanism for young people to obtain a lobster license.

In contrast to the license holder survey, the goal choice of having a LELLS work as a mechanism for adults to obtain a lobster license is ranked much higher. This quite likely reflects the opinions of adult non-license holders. The two goal choices promoting reducing the number of license holders and limiting participation received the least support among non-license holders. This is easily understandable from the point of view of someone waiting to get a lobster license.

Table Q12-1 Non-License Holder Responses Re: Limited Entry License System Goals

Non-License Holders' Response: Goal	# of Yes and %	
Mechanism for young people to obtain a lobster license	198	63.3
Stabilize the number of license holders	125	39.9
Protect the lobster resource from depletion	161	51.4
Financial viability of existing license holders by limiting participation	73	23.3
Stabilize the number of traps fished	130	41.5
Reduce the number of traps fished	61	19.5
Mechanism for adults to obtain license	160	51.1
Reduce the number of license holders	49	15.7
Other	54	17.3

Question number 12(b) of the LELLS survey for non-license holders asks “*Does the current system achieve these goals?*” Figures QQ12-1 through QQ12-8 below illustrates the survey response to this question.

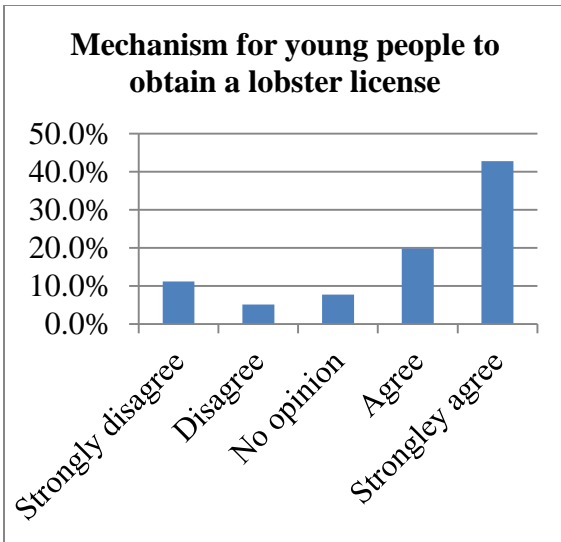


Figure Q12-1 Non-License Holder Opinions of Making a LLELS a Mechanism for Young People to Obtain a License

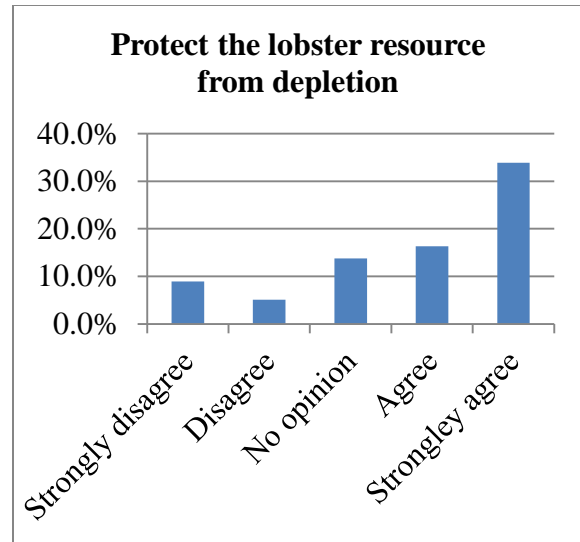


Figure Q12-3 Non-License Holder Opinions of the Goal of Having a LLES Protect the Lobster Source from Depletion

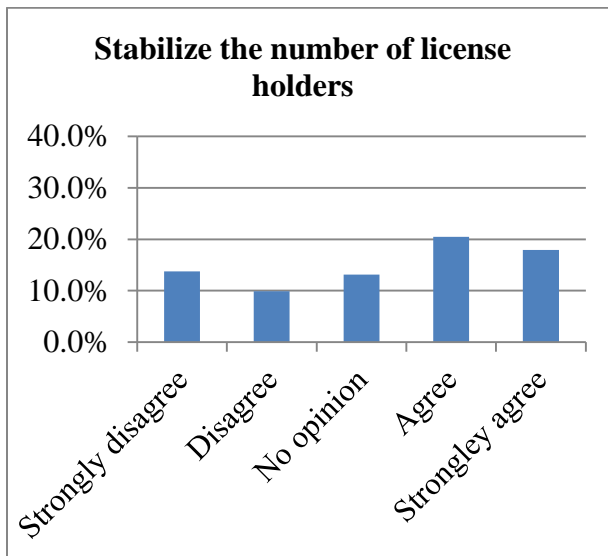


Figure Q12-2 Non-License Holder Opinions of the Goal of Having a LLES Stabilize the Number of License Holders

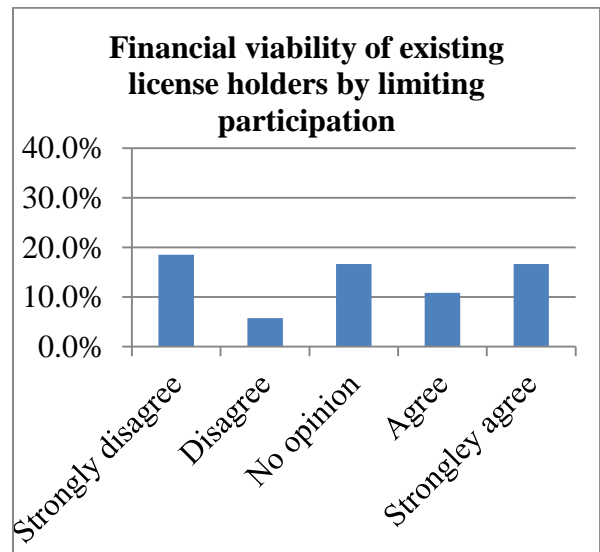


Figure Q12-4 Non-License Holder Opinions of the Goal of Having a LLES Achieve the Financial Viability of Existing License Holders by Limiting Participation

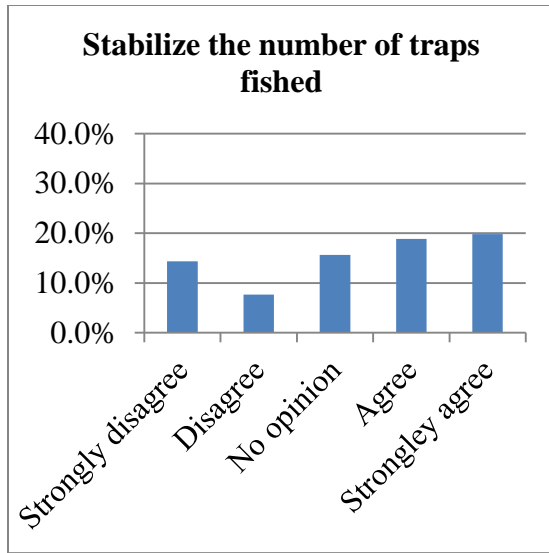


Figure Q12-5 Non-License Holder Opinions of the Goal of Having a LLES Stabilize the Number of Traps Fished

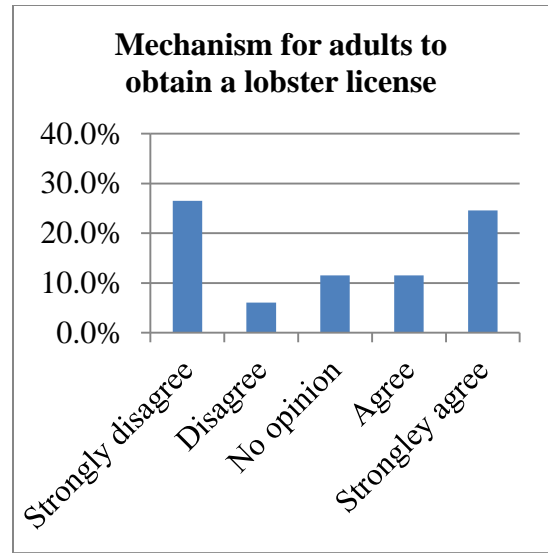


Figure Q12-7 Non-License Holder Opinions of the Goal of Having a LLES be a Mechanism for Adults to Obtain a License

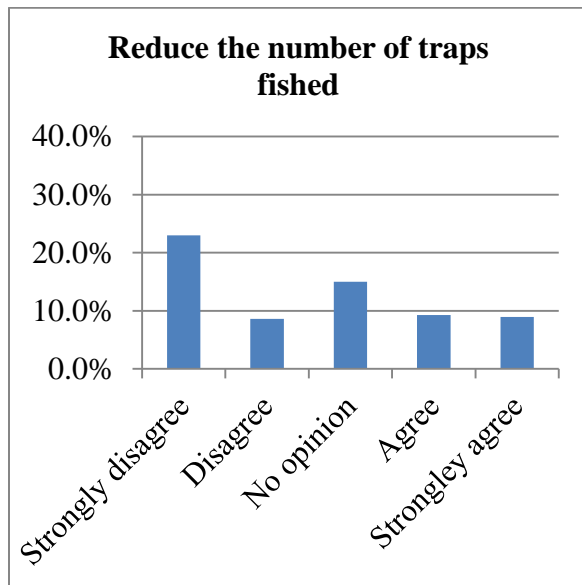


Figure Q12-6 Non-License Holder Opinions of the Goal of Having a LLES Reduce the Number of Traps Fished

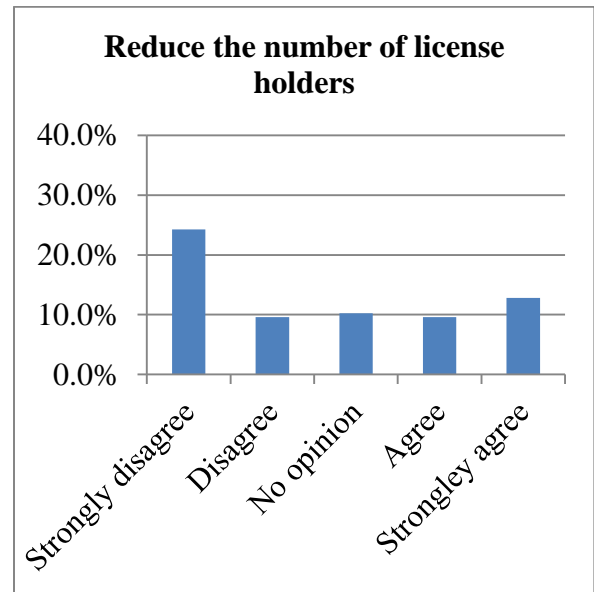


Figure Q12-8 Non-License Holder Opinions of the Goal of Having a LLES Reduce the Number of License Holders

Comparing the Q4 responses of license holders to the Q12 non-license holder responses on a goal-by-goal basis reveals:

- The majority of both license and non-license holders strongly agree on the goal of having a LLELS work as a mechanism for young people to obtain a lobster license.
- The majority of license holders strongly agree on the goal of having a LLELS stabilize the number of license holders. The majority of non-license holders also agreed, but not strongly.
- The majority of both license and non-license holders strongly agree on the goal of having a LLELS protect the lobster source from depletion.
- Whereas the majority of license holders strongly agree on the goal of having a LLELS achieve the financial viability of existing license holders by limiting participation, the majority of non-license holders strongly disagree.
- The majority of both license and non-license holders strongly agree on the goal of having a LLELS stabilize the number of traps fished.
- The majority of both license and non-license holders strongly disagree on the goal of having a LLELS reduce the number of traps fished.
- The majority of both license and non-license holders are polarized on the goal of having a LLELS be a mechanism for adults to obtain a license. Both groups are practically split between strongly agreeing and strongly disagreeing.
- The majority of both license and non-license holders strongly disagree on the goal of having a LLELS reduce the number of license holders.

The last choice presented to both license holders and non-license holders asked them to present their own goal. They were then asked “*Does the current system achieve these goals?*” Their responses indicated both their most desired goals and least desired goals. Responses are compared and indicated in Figure Q12-9 below. Respondents strongly agreed that the current system has achieved twice as many of their desired goals than their undesired goals with the distribution of opinion similar across both groups. Suggestions for both desired undesired and undesired goals are listed in Appendix C and D for license holders and non-license holders respectively.

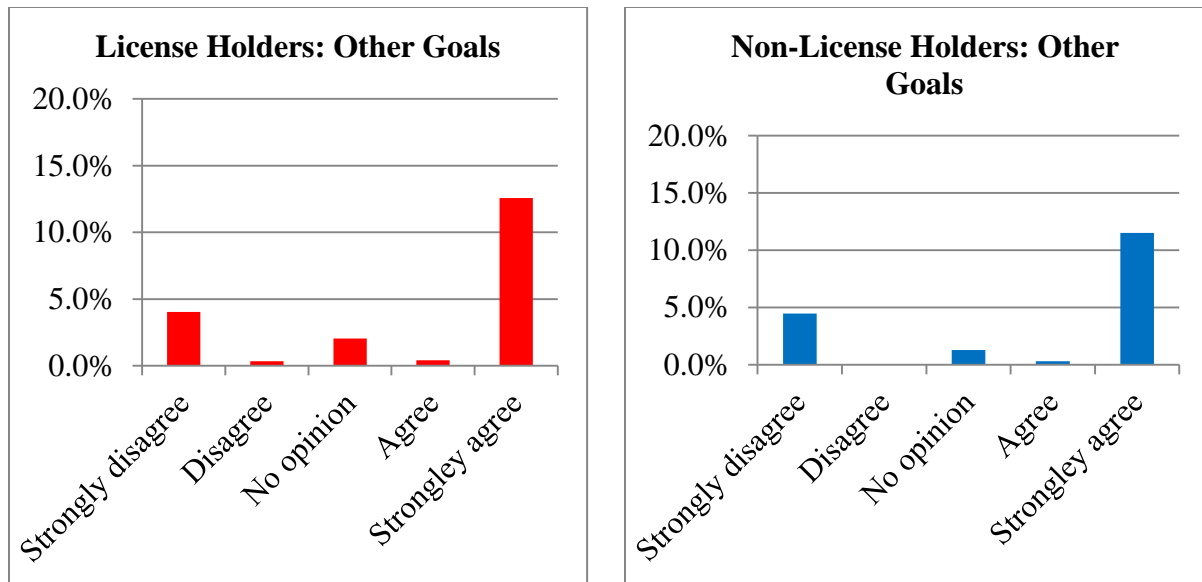


Figure Q12-9 License and Non-License Holder Opinions of the Goals Presented by Themselves

E3. Summary of License Holders Opinion Survey Contingency Figure Results

This section shows the results of GMRI's 2012 survey of individuals who hold lobster licenses in the state of Maine. In addition to the frequency table in Appendix B, three frequency diagrams are presented in the end of this section, for each binnable multiple choice question on the survey. Responses are broken up by the respondent's declared zone in the first diagram, by the number of trap tags issued to the respondent in 2012 in the second diagram, and by the respondent's lobster landings in 2012 in the third diagram. Questions that did not request a multiple choice or binnable response are not presented.

Question Three: "How worried are you about the number of traps fished in your zone?"

Responses are generally uniform across zones, tag numbers, and landings, with roughly one third or respondents not worried, one third somewhat worried, and slightly under one third very worried. There are two notable exceptions. A lower proportion of respondents in Zone C said they were very worried than in all other zones. In Zone F, a higher proportion said that they were very worried, and a larger majority said that they were either somewhat or very worried. It may also be noted that least worried categories of respondents in terms of landings are the lowest bracket and the two highest brackets.

Question Five: "Do you favor a change to the current trap limit per person in your zone?"

There is universally small support among respondents for increases in trap limits. Most support for increasing the limit is found among the two highest levels of tags issued. A plurality of respondents supports no change in all zones except in Zone F, where the most common response favored a decrease in the trap limit.

Question Six: "If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?"

Support for a proportional change was very low in all tag and landings groups except for the highest trap bracket and highest landings bracket. The majority of respondents in all zones favor across-the-board changes.

Question Seven: "Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?"

A majority of respondents favor the current system in Zones A, B, C and E. The margin is widest in Zones B and C. In Zone D, respondents are almost equally split between supporting and not supporting. In Zones E and G, a plurality does not support the current system. Both the highest trap bracket and the highest landings bracket favor the current system by wide margins.

Question Eight: “Do you support the current entry or exit ratio based on tags retiring in your zone?”

A plurality agrees with current entry ratio in all categories. Only a small minority support more entrants in any category. The highest proportion of respondents that support allowing more entrants is found in zone A. There is also marginally higher support for more entrants in the lowest landings bracket. Zone F has the highest proportion of respondents who support allowing fewer entrants.

Question Nine: “Do you favor eliminating latent effort in the form of trap tags that are not issued?”

The majority of individuals in the lowest landings bracket do not wish to eliminate unissued tags. Individuals in with landings from ten to thirty thousand pounds per year are about evenly split, and individuals in the two highest landings brackets show the most support for eliminating unissued tags. In Zones B, C and E, the most common response was in favor of eliminating unissued tags. Zones A, D, and G are the opposite.

Question Ten: “Do you support eliminating latent effort in the form of removing licenses not being fished?”

Responses were almost evenly split in all zones. Eliminating unused licenses found the least support among those with less than 500 tags or less than a thousand pounds of landings.

Question Eleven: “Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?”

In all zones, the majority of respondents are against removing issued but unused tags. This preference was especially strong in Zone G. Elimination was highly unfavorable to lower landings and tags brackets but was the most common response among the highest landings bracket.

Question twelve: “Do you believe licenses and or tags should be transferable?”

The majority of respondents were in favor of transferable licenses in all zones and all tag ranges. Transferable tags were not as popular as licenses and did not receive majority support in any category.

Question Fifteen: “Do you support an overall limit on total lbs. of lobster landed in Maine per year?”

In all categories, respondents overwhelmingly did not support an overall state limit.

Question Sixteen: “Do you support a quota on pounds of lobster landed per zone per year?”

In all categories, respondents overwhelmingly did not support an overall zone limit.

Question Eighteen: “Do you support a quota on pounds of lobster landed per fisherman per year?”

In all categories, respondents overwhelmingly did not support an individual quota.

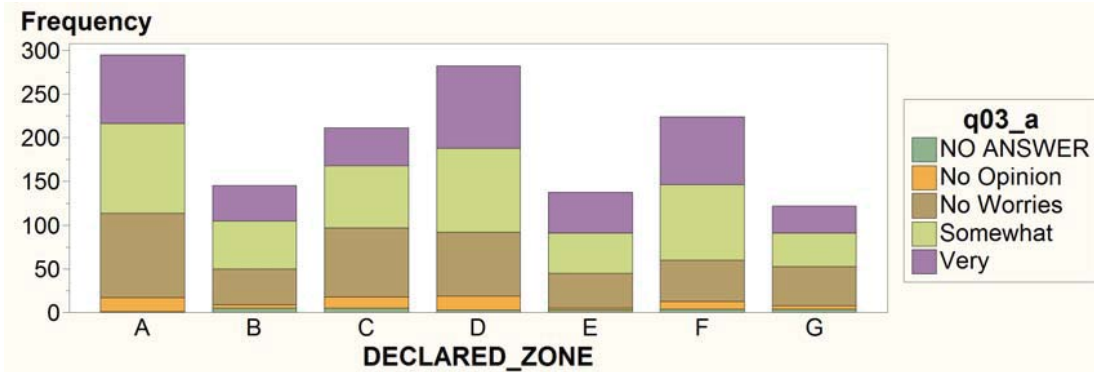


Figure Q3a_Zone: How worried are you about the number of traps fished in your Zone?

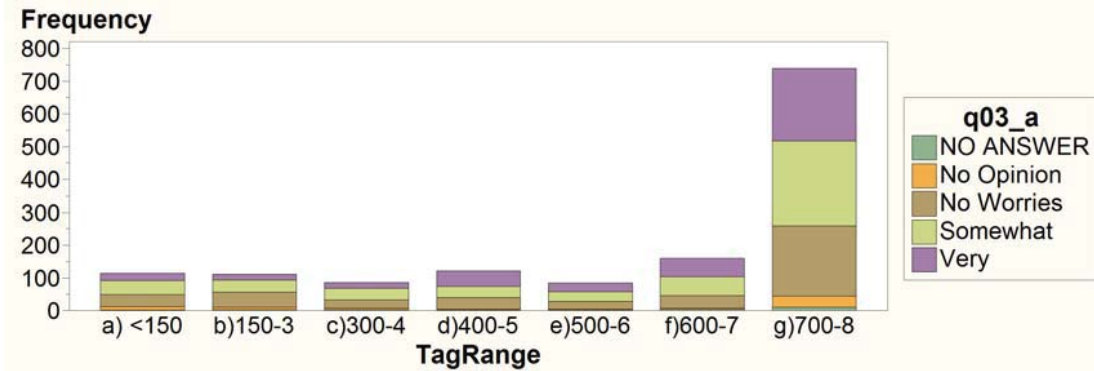


Figure Q3b_Tags: How worried are you about the number of traps fished in your Zone?

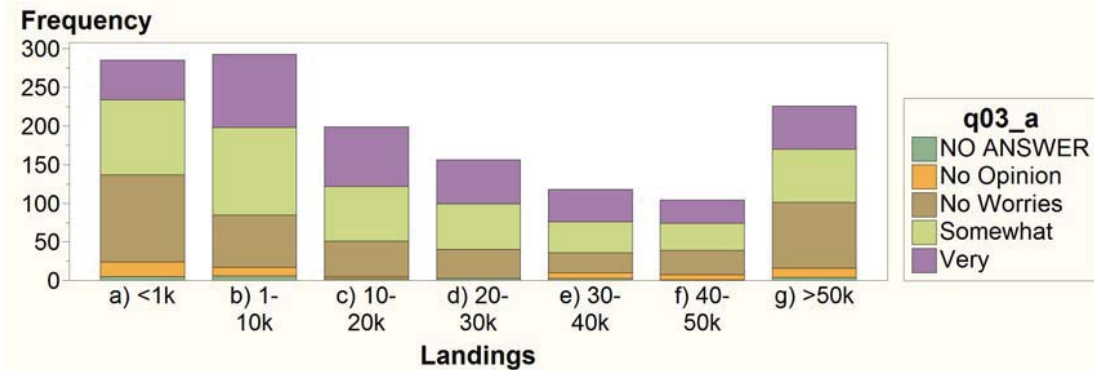


Figure Q3c_Landings: How worried are you about the number of traps fished in your Zone?

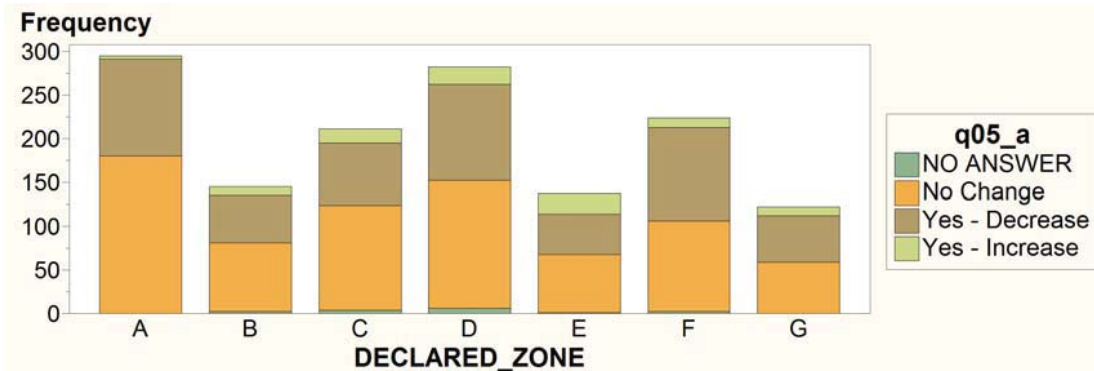


Figure Q5a_Zone: Do you favor a change to the current trap limit per person in your zone?

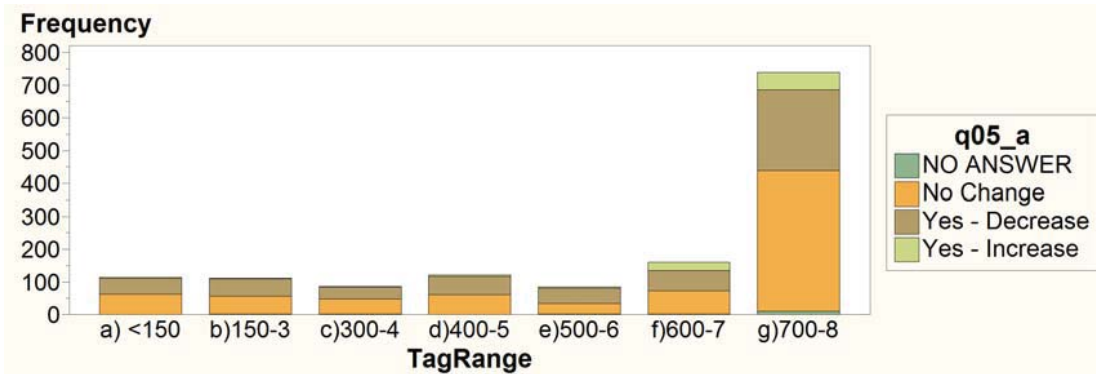


Figure Q5b_Tags: Do you favor a change to the current trap limit per person in your zone?

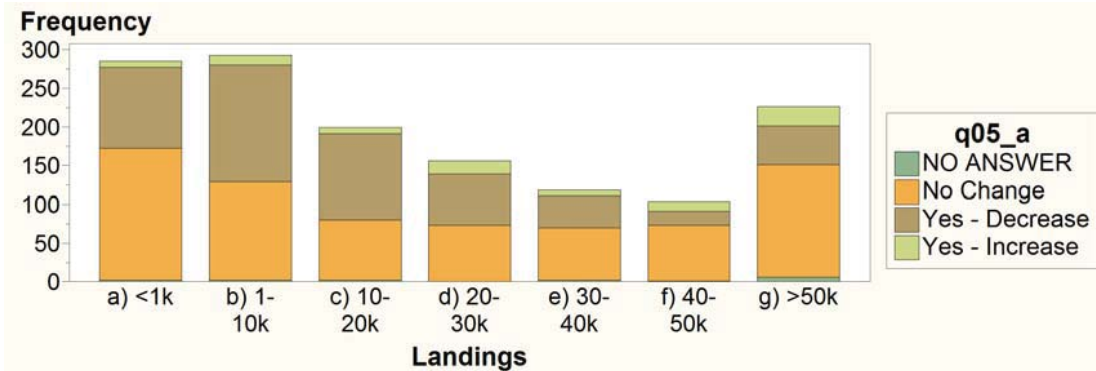


Figure Q5c_Landings: Do you favor a change to the current trap limit per person in your zone?

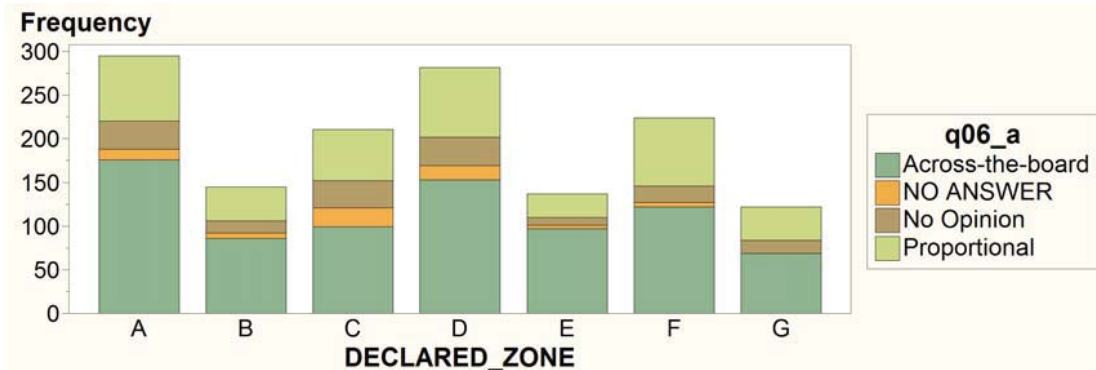


Figure Q6a_Zone: If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?

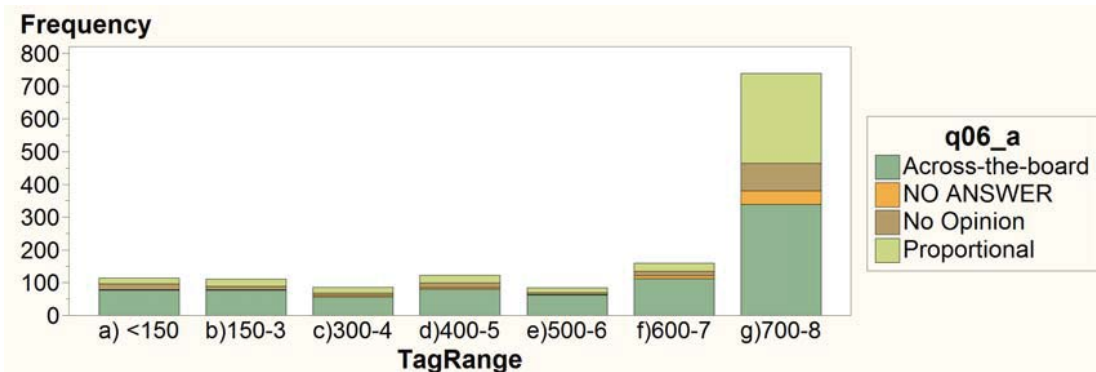


Figure Q6b_Tags: If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?

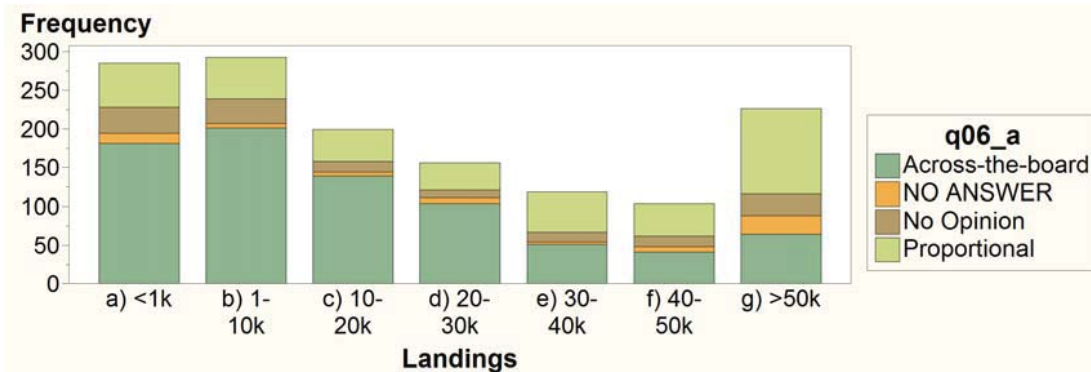


Figure Q6c_Landings: If the trap limit were changed, do you favor a proportional adjustment or an across-the-board trap limit per person?

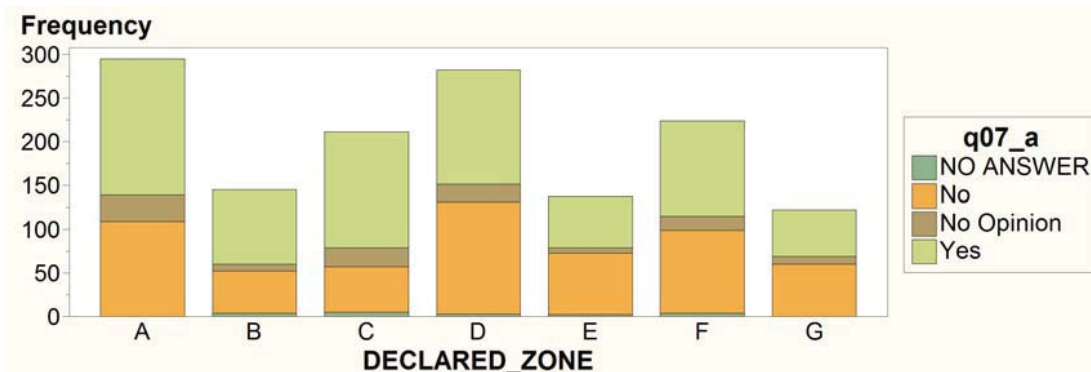


Figure Q7a_Zone: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

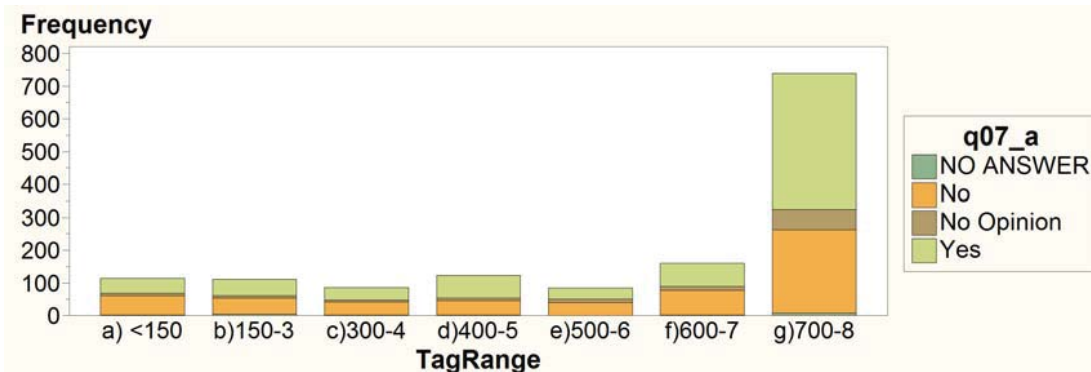


Figure Q7b_Tags: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

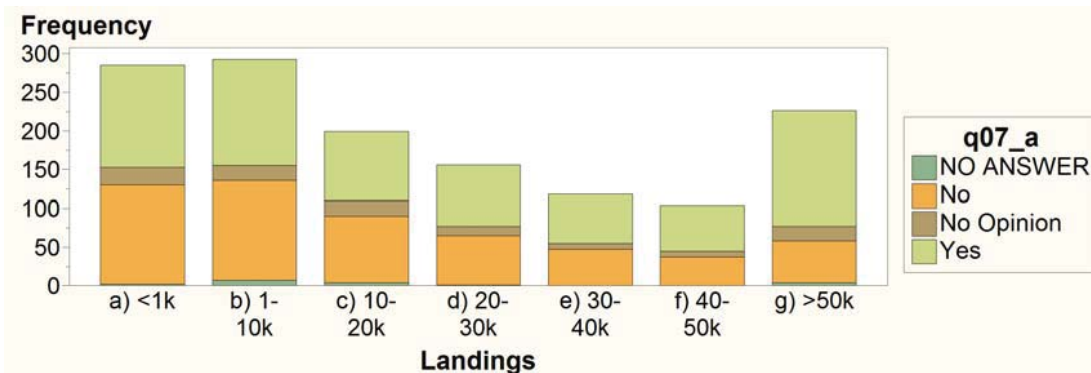


Figure Q7c_Landings: Do you support the current regulations that allow students under age 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

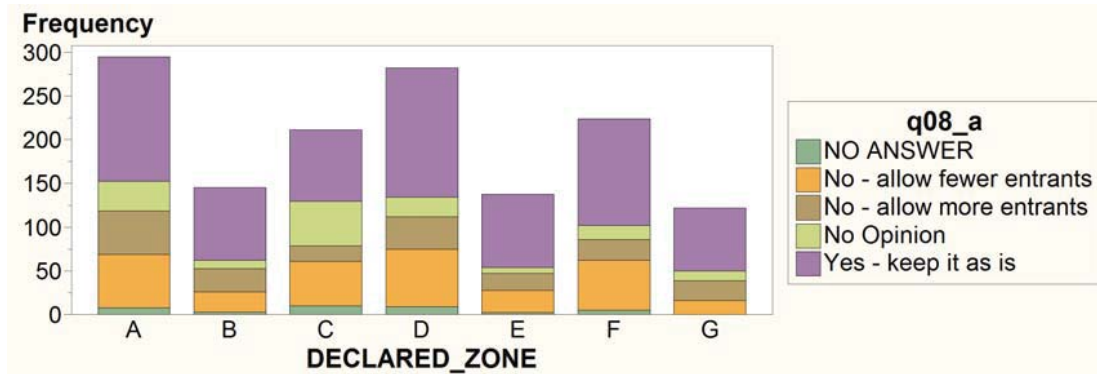


Figure Q8a_Zone: Do you support the current entry or exit ratio based on tags retiring in your zone?

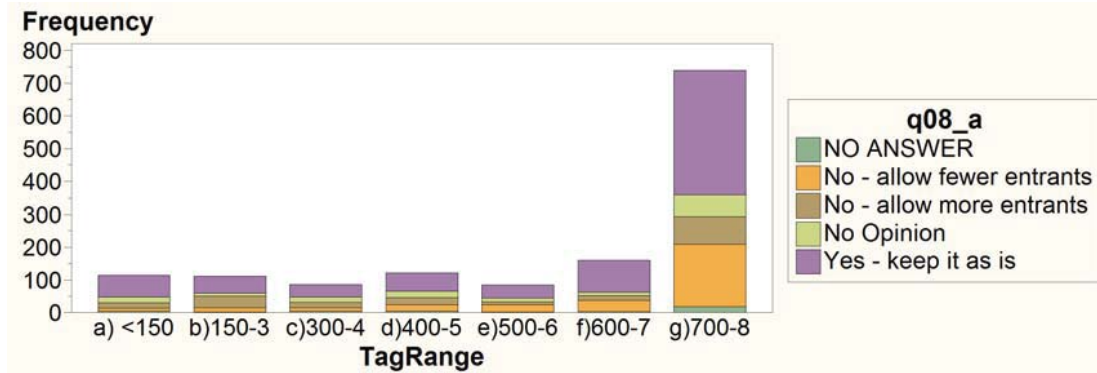


Figure Q8b_Tags: Do you support the current entry or exit ratio based on tags retiring in your zone?

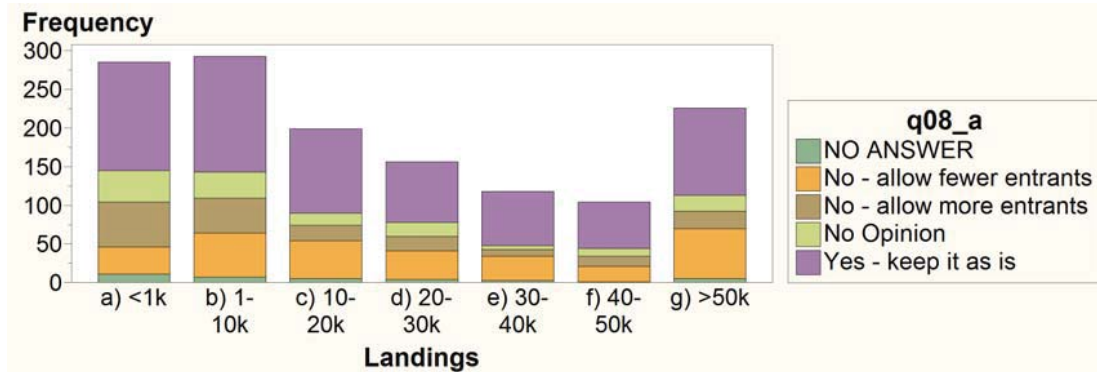


Figure Q8c_Landings: Do you support the current entry or exit ratio based on tags retiring in your zone?

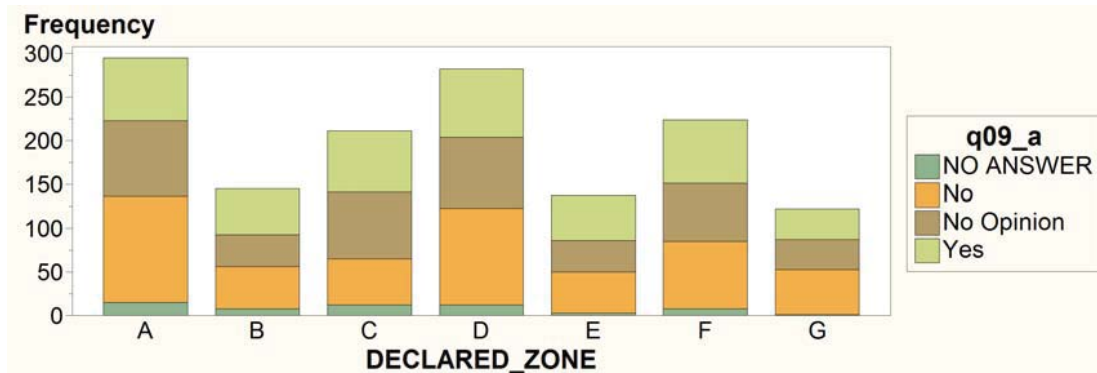


Figure Q9a_Zone: Do you favor eliminating latent effort in the form of trap tags that are not issued?

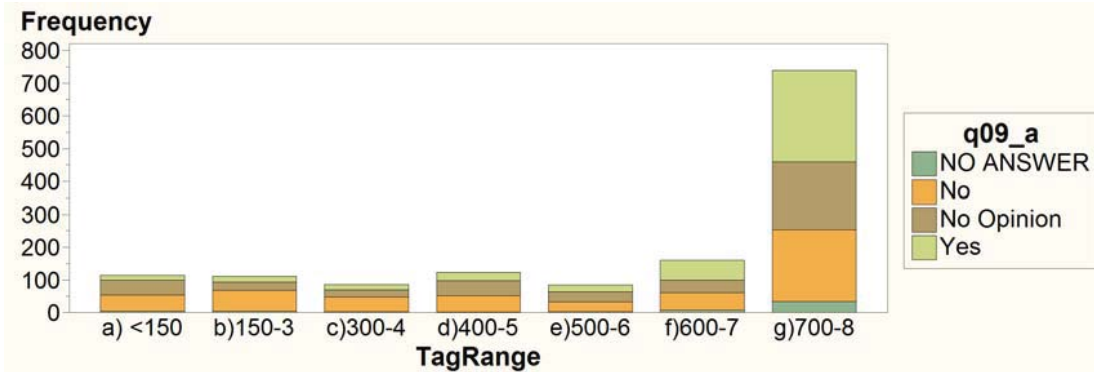


Figure Q9b_Tags: Do you favor eliminating latent effort in the form of trap tags that are not issued?

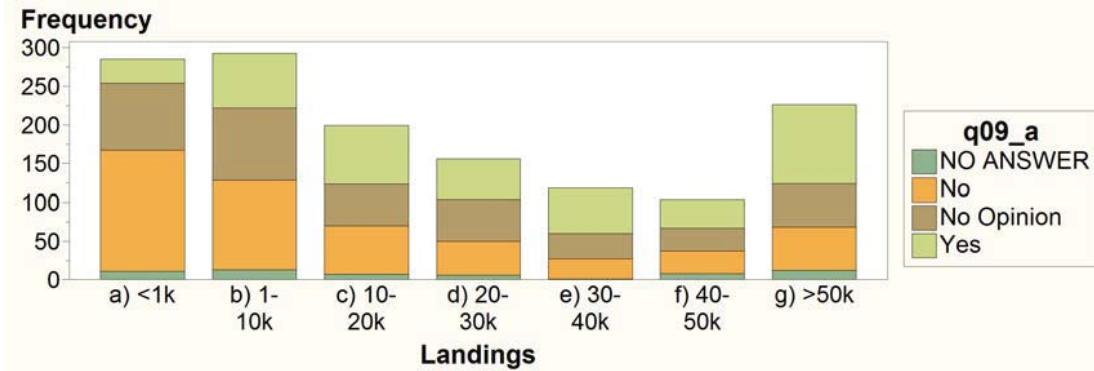


Figure Q9c_Landings: Do you favor eliminating latent effort in the form of trap tags that are not issued?

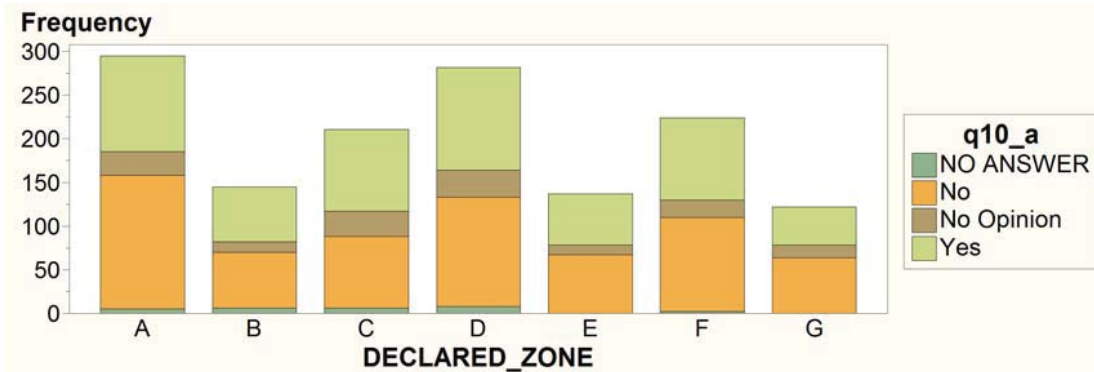


Figure Q10a_Zone: Do you support eliminating latent effort in the form of removing licenses not being fished?

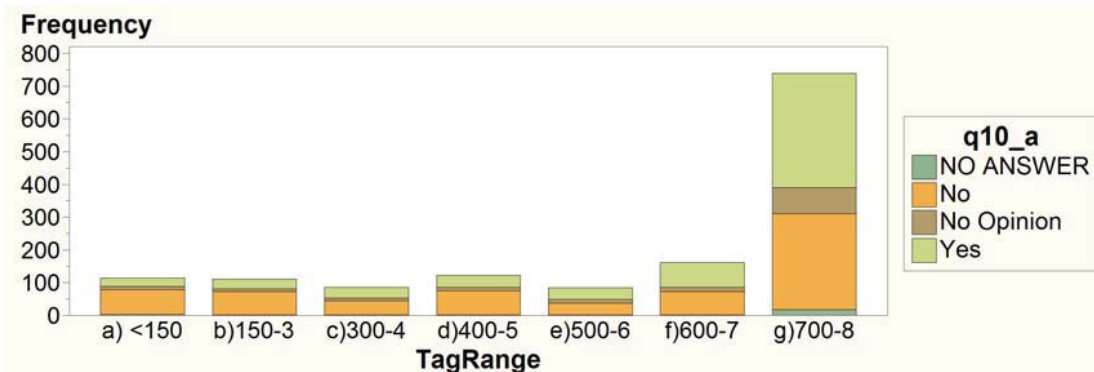


Figure Q10b_Tags: Do you support eliminating latent effort in the form of removing licenses not being fished?

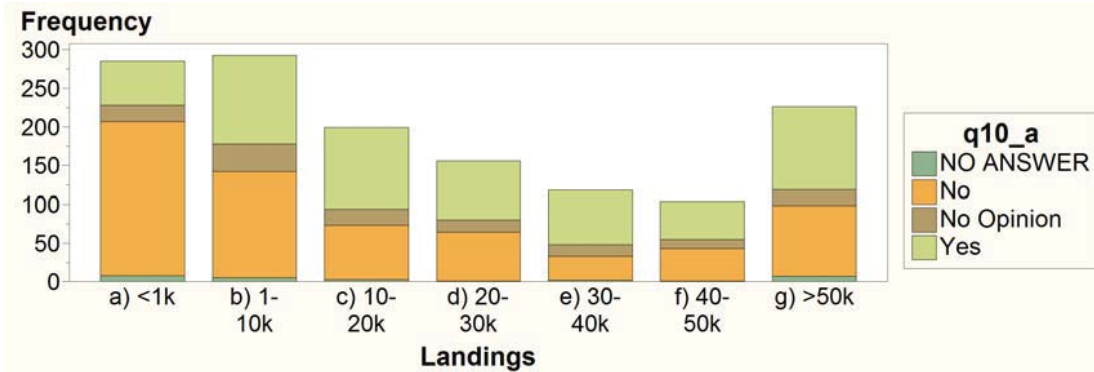


Figure Q10c_Landings: Do you support eliminating latent effort in the form of removing licenses not being fished?

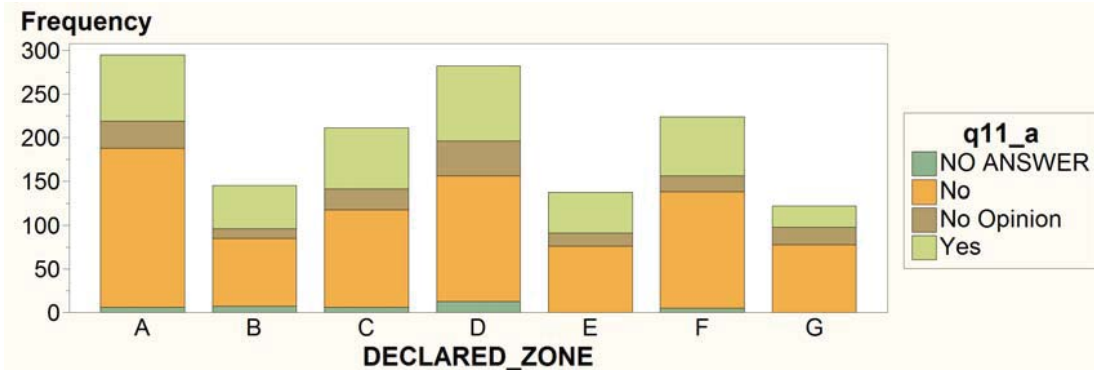


Figure Q11a_Zone: Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?

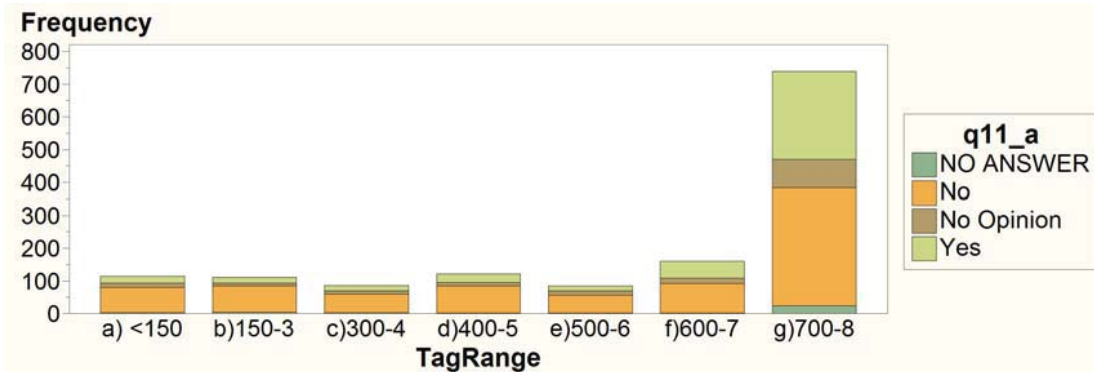


Figure Q11b_Tags: Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?

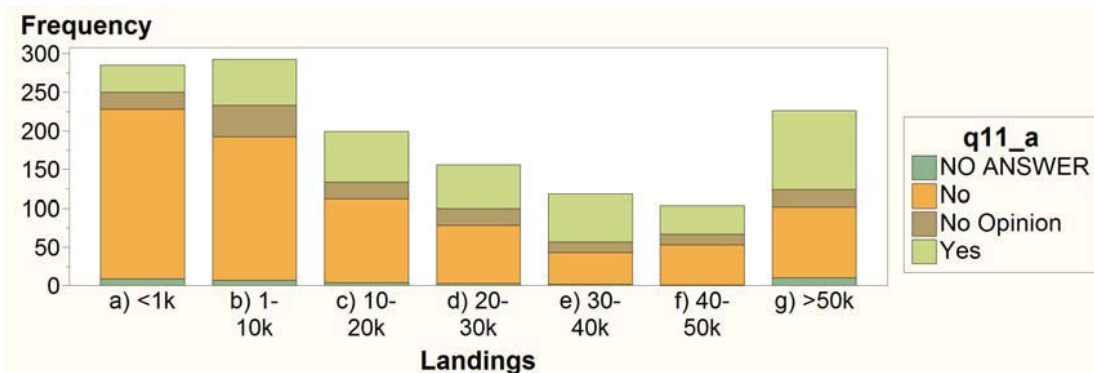


Figure Q11c_Landings: Do you support eliminating latent effort in the form of removing trap tags that are issued but not fished?

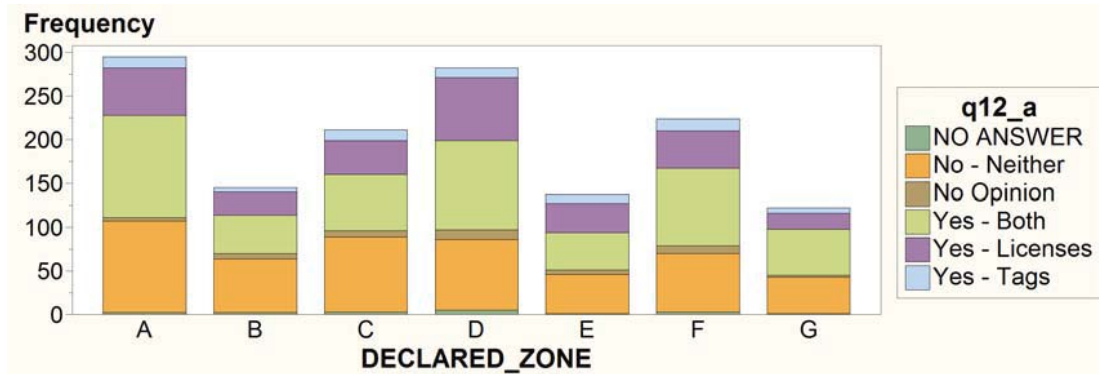


Figure Q12a_Zone: Do you believe licenses and or tags should be transferable?

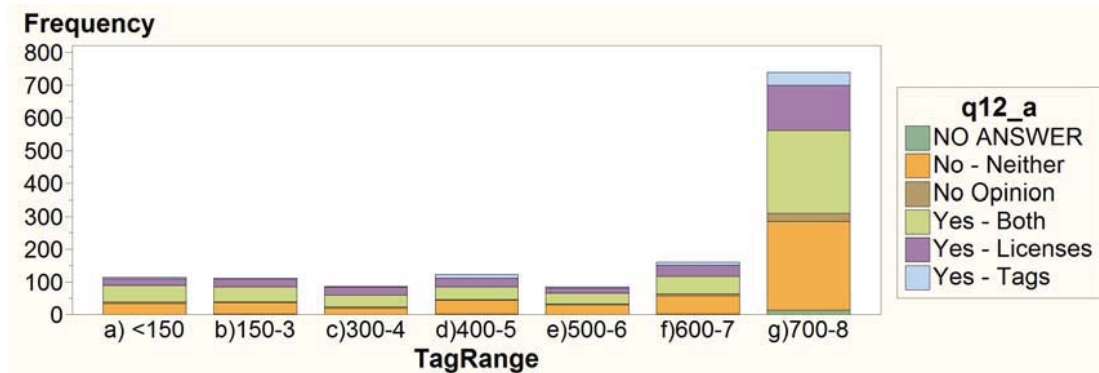


Figure Q12b_Tags: Do you believe licenses and or tags should be transferable?

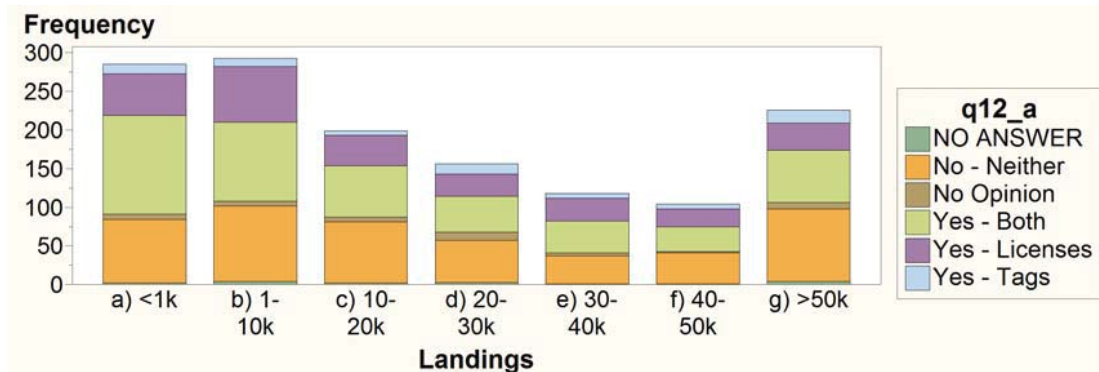


Figure Q12c_Landings: Do you believe licenses and or tags should be transferable?

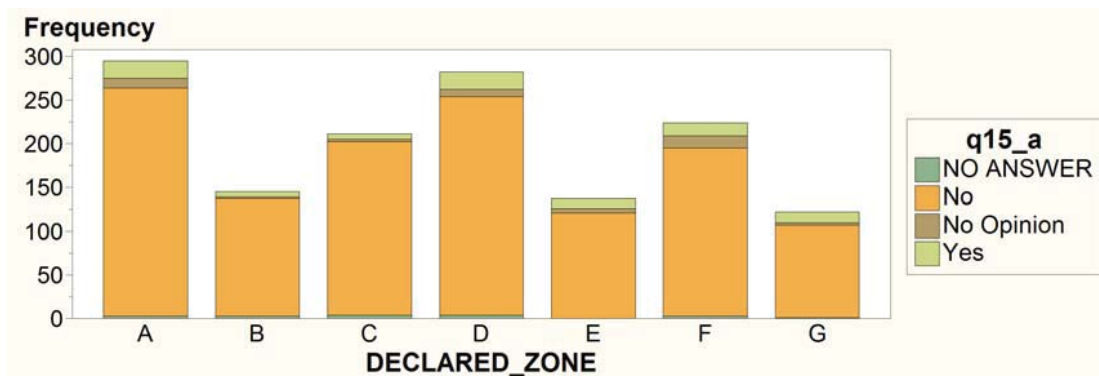


Figure Q15a_Zone: Do you support an overall limit on total lbs. of lobster landed in Maine per year?

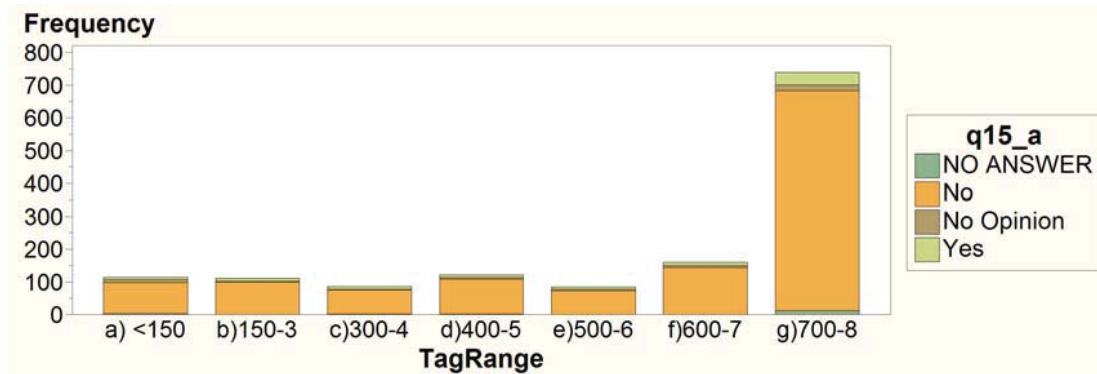


Figure Q15b_Tags: Do you support an overall limit on total lbs. of lobster landed in Maine per year?

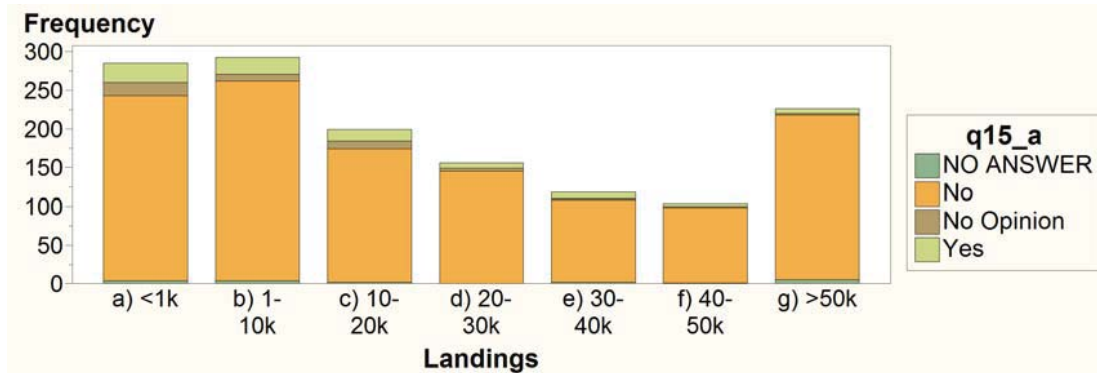


Figure Q15c_Landings: Do you support an overall limit on total lbs. of lobster landed in Maine per year?

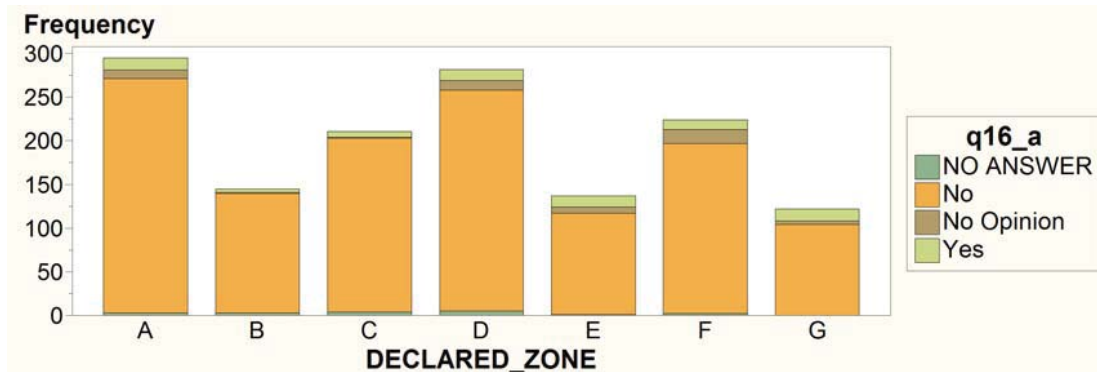


Figure Q16a_Zone: Do you support a quota on pounds of lobster landed per zone per year?

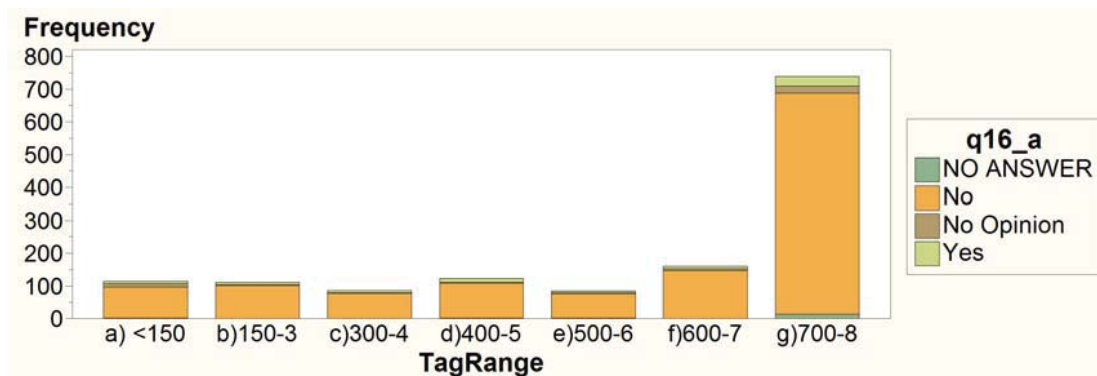


Figure Q16b_Tags: Do you support a quota on pounds of lobster landed per zone per year?

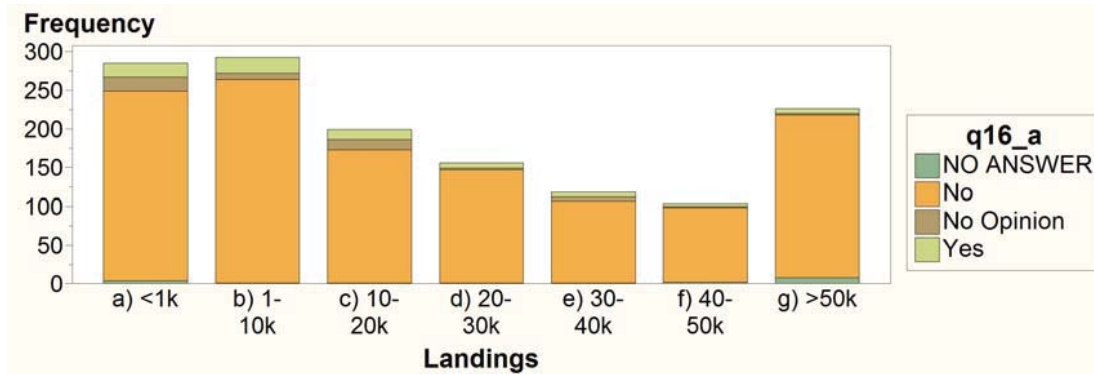


Figure Q16c_Landings: Do you support a quota on pounds of lobster landed per zone per year?

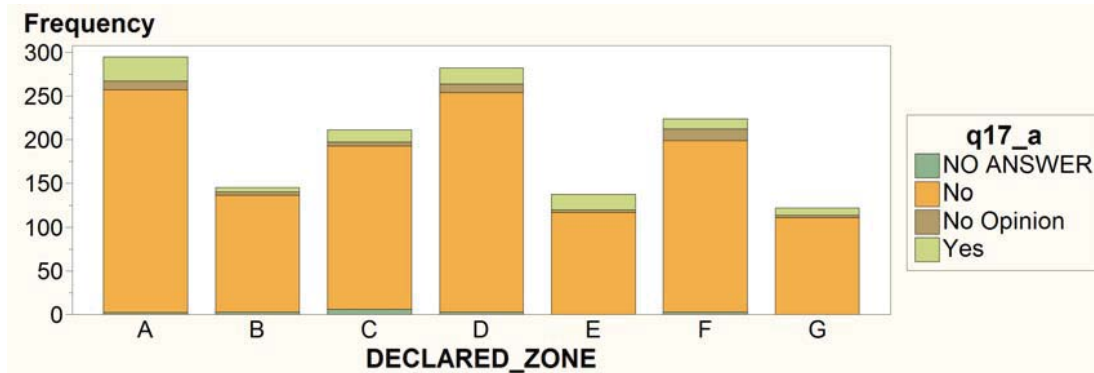


Figure Q17a_Zone: Do you support a quota on pounds of lobster landed per fisherman per year?

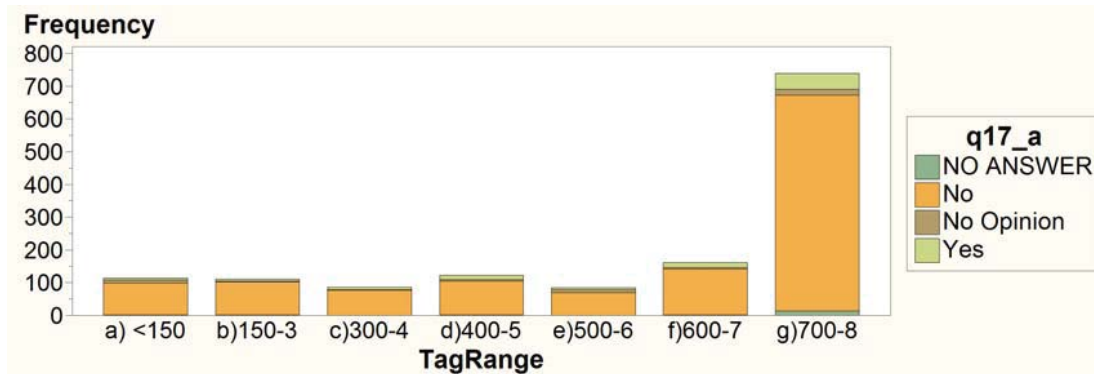


Figure Q17b_Tags: Do you support a quota on pounds of lobster landed per fisherman per year?

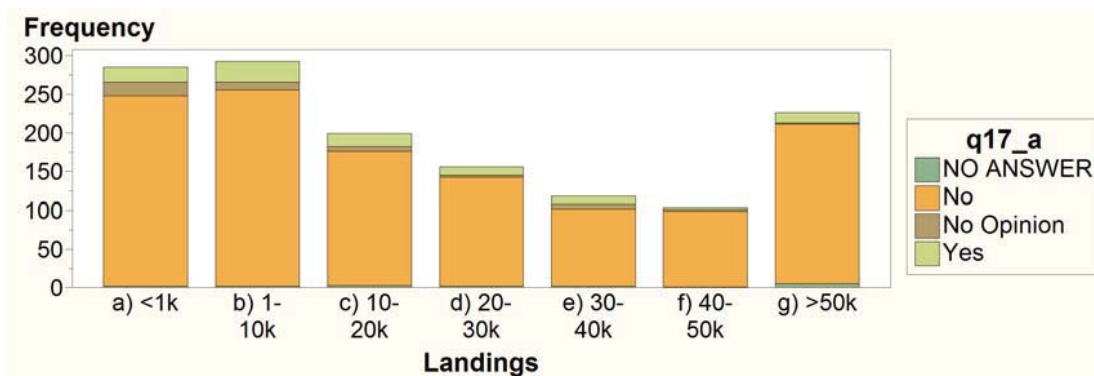


Figure Q17c_Landings: Do you support a quota on pounds of lobster landed per fisherman per year?

E4. Summary of Non-License Holders Opinion Survey Contingency Table Results

This section shows the results of GMRI's 2012 survey of individuals who hold student or apprentice licenses or are currently on waiting lists for lobster licenses in the state of Maine. In addition to the frequency table in Appendix C, three frequency diagrams are presented in the end of this section, for each binnable multiple choice question on the survey. Responses are broken up by the zone that the respondent wants a license for in the first diagram, by the type of non-commercial license the respondent holds in the second diagram, and by the respondent's age in the third diagram. Questions that did not request a multiple choice or binnable response are not presented. Note that special island zones are not included in generalizations of all zones.

Question One: "What is your current employment status?"

The largest cohort of respondents (32.6%) claimed student status¹. The next largest group of respondents (26.2%) claimed full time fishing employment. Including fishing, more than half of all respondents claimed some kind of full time or part time employment. Less than ten percent of all respondents were unemployed.

The two largest groups of respondents for Zones A-F were full time students and full time fishermen. In Zone E, the majority of respondents were students. Zone A had the highest proportion of respondents in the fishing industry including both part time and full time fishermen as well as the highest proportion of unemployed respondents. Zone G had the smallest proportion of students and the highest proportion of full time employed respondents.

The vast majority of respondents who held student licenses were full time students. Most other student license holders were either full time or part time fishermen. The single largest group of respondents with apprentice licenses was full time fishermen.

Most student respondents who identified as full time students were under the age of 18. Most respondents between the ages of 23 and 40 were employed full time.

Question Two: "What is your educational background?"

A little more than half of all respondents had either high school/GED or some high school education. Slightly more than 27% of respondents had college education.

The largest group of respondents in all zones except for Zones B and E reported high school or a GED as their educational background. In Zones B and E the largest group reported "Other/None", which probably reflects the high proportion of young, student license holders in those zones. Zone E also had the lowest proportion of respondents with associate's degrees and the highest proportion with graduate degrees.

¹ Student and apprentice respondents outnumber waiting list respondents by a 2 to 1 margin in this survey.

Unsurprisingly, the respondents who reported “Other/None” or “Some High School” tended to be student license holders under the age of 18. The majority of respondents between the ages of 18 to 60 had a high school diploma or GED. The majority of respondents over the age of 60 had college degrees/

Question Three: “Approximately, how much do you currently earn per year?”

The largest group of respondents in all zones except Zone G earned less than \$10,000 per year. Most of these low earners were below the age of 23. Most respondents with apprentice licenses earned less than \$40,000 per year. The highest earners were between the ages of 40 and 60.

Question Four: “Why are you interested in getting your own lobster license?”

The majority of respondents (42.5%) wish to get their own license because lobstering is the only job they’ve ever done and they want their own business. A close second reason, at 39.9% of respondents, is to take over the family lobstering business. Less popular reasons still attaining double digit response levels were: supplemental income (21.1%), get back into business after leaving for a while (18.5%), and switch careers (12.5%).

Question Five: “Do you intend to go lobstering?”

This question asked how much time respondents planned to devote to lobstering. Full time was overwhelming response choice (59.7%), by a margin of more than two to one over the next highest choice, part time/seasonal (28.8%).

The majority of respondents in all zones except Zone E wished to lobster full time. The highest proportions of those wishing to lobster full time were in Zones B and G. The division between full time and part time appeared relatively constant across license types. The age groups with the highest proportion of respondents who wished to lobster full time were 23-40 and 60-70. The lowest proportion was in the group of respondents aged 50-60.

Question Six: “How many traps do you wish to fish per year?”

The plurality of respondents (41.5%) chose the current maximum trap limit of 800. Second choice among respondents, at 13.7%, was 600 traps.

The largest group of respondents in all zones wished to fish the maximum number of traps allowed in their zone. The lowest proportion of respondents wishing to fish the maximum number was in Zone G. In Zone C, a majority wished to fish the maximum number.

A larger proportion of student license holders wished to fish fewer than one hundred traps than among apprentice license holders.

Respondents age 18-23 were the only age group where a majority of respondents wanted to fish 700-800 traps.

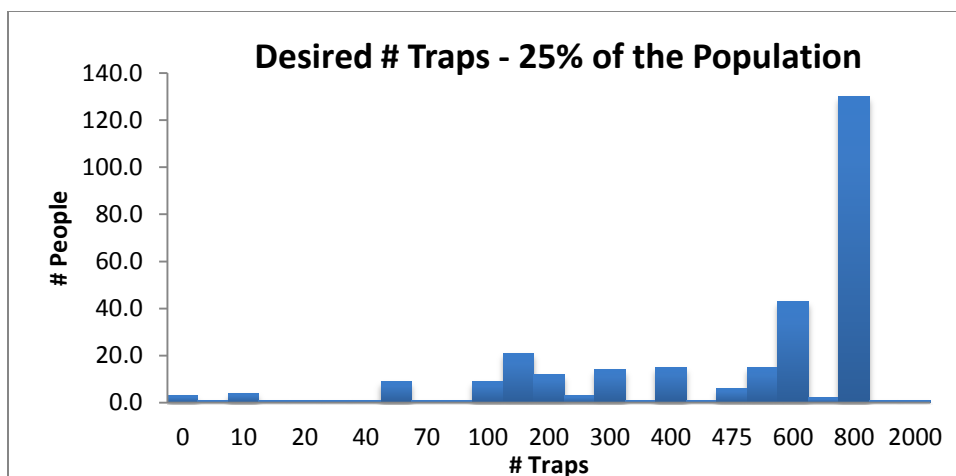


Figure Q6 Distribution of Number of Responses of the Desired Number of Traps Non-license Holder

Question Seven (a): “How much do you currently have invested in lobster traps?”

While the majority response (26.8%) was zero, responses representing single digit percentages were spread out fairly uniformly between zero and \$20,000. The only other response garnering double digit support was no answer (12.8%).

Most respondents who had invested more than \$5,000 were student license holders under the age of 18. Zone A had the largest number of respondents who had invested more than \$5,000.

Table Q7&8 shows total values of potential capital investment as reported by non-license holders. The extrapolated figures are based on a reporting sample of 313 individuals, or a 25% sample of the total.

Table Q7&Q8 Total Values of Potential Capital Investment as Reported by Non-License Holders

Self-Reported Desired Investment	
Total Number of Tags Desiring Entry	163,492
Total Current Assets - Gear	\$946,495
Total Current Assets Boat	\$2,623,500
Pending capital investment - traps	\$5,369,100
Pending capital investment - boats	\$12,376,900

Question Seven (b): “How much do you currently have invested in a lobster boat?”

While the majority response was zero (32.6%), responses representing single digit percentages were spread out randomly between zero and \$40,000. The second most popular response was no answer

(12.8%). Most respondents who had invested more than \$20,000 were student license holders under the age of 18.

Question Eight-A: “How much do you plan to invest in lobster traps?”

This question had a higher rate of non-response than most others. Individual responses to this question were diffuse, ranging anywhere from zero to \$100,000 dollars, with no dollar figure garnering more than single digit percentage support. At 9.6% support, \$10,000 was the most popular choice. A much lower proportion of respondents planned to spend more than \$20,000 in Zone F than in all other zones.

Question Eight-B: “How much do you plan to invest in a lobster boat?”

This question also had a very high rate of non-response. Individual responses to this question were spread out, ranging anywhere from zero to \$999,999 dollars. The only dollar figure garnering more than single digit percentage support, at 10.2% was \$50,000. Zone B had the highest number of respondents planning to invest more than \$100,000. Almost all respondents who planned to invest more than \$100,000 were student license holders under the age of 23.

Question Nine: “If you were able to get a license, how many sternmen would you employ?”

The majority of respondents (69%) would employ one sternman. The choices none or two garnered 14.4% and 15.3% respectively. The majority of respondents in all categories said they would hire one. The proportions of those who would hire two and those who would hire none were generally uniform across all categories except for the age groups from 50-70 years old, where more respondents said they would hire two than none.

Question Ten: “Do you support the current entry or exit ratio based on tags retiring in your zone?”

The majority of respondents (54.6%) did not support this. 29.1% did support it. The majority of respondents in all zones except Zone C said they would prefer more entrants. In Zone C, the largest group of respondents wanted no change, and the second largest group offered no opinion. The vast majority of respondents who said they would like no change were student license holders under the age of 18. All respondents who desired fewer entrants were student license holders younger than 18. Almost all respondents older than age 30 favored more entrants.

Question Eleven: “How much longer do you expect to have to wait to obtain a license?”

The majority of student and apprentice respondents indicated an anticipated wait of anywhere from one to five years. The majority of waiting list respondents indicated a wait time of ten years or more.

Question Thirteen: “Do you support the current regulations that allow students under age 18 who have completed apprentice requirement to get a commercial license without going on the waiting list?”

The majority of respondents (60.1%) support the current regulations. A majority of respondents support current regulations in all zones except in Zone G. In Zone G a majority do not support them. Support was much higher among student respondents (91.2%) than waiting list respondents (30.3%). Almost all student license holders under the age of 18 support current regulations. Apprentice respondents were evenly split between supporting and not supporting these regulations. In all age groups over age 23, a majority of respondents do not support current regulations. The highest proportion of those who do not support them is in the age group from 23-30 years old.

Question Fourteen: “Do you support the current requirement that someone who has been previously licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?”

Lack of support for this requirement was unanimous among student, apprentice, and waiting list respondents.

Question Fifteen: “Do you support a quota on pounds of lobster landed per fisherman, per year?”

Lack of support for this requirement was unanimous among student, apprentice, and waiting list respondents.

Question Sixteen: “Do you believe licenses and/or tags should be transferable?”

Support for this requirement was unanimous among student, apprentice, and waiting list respondents.

Question Seventeen: “If tags or licenses were transferrable, what restrictions should be applied to transfers?”

The majority (55.9%) of student, apprentice, and waiting list respondents indicated that “inter-family direct relation” should be the restriction applied to transfers. The next most popular restriction choice among all respondents, at 37.4% support, was “within a zone.”

Question Eighteen: “If licenses were transferrable, how much would you be willing to pay for one?”

The plurality of respondents (31%) chose not to answer. The next most popular choice was zero dollars. Waiting list and apprentice respondents indicated some support (15.2% and 10.8% respectively) at \$10,000.

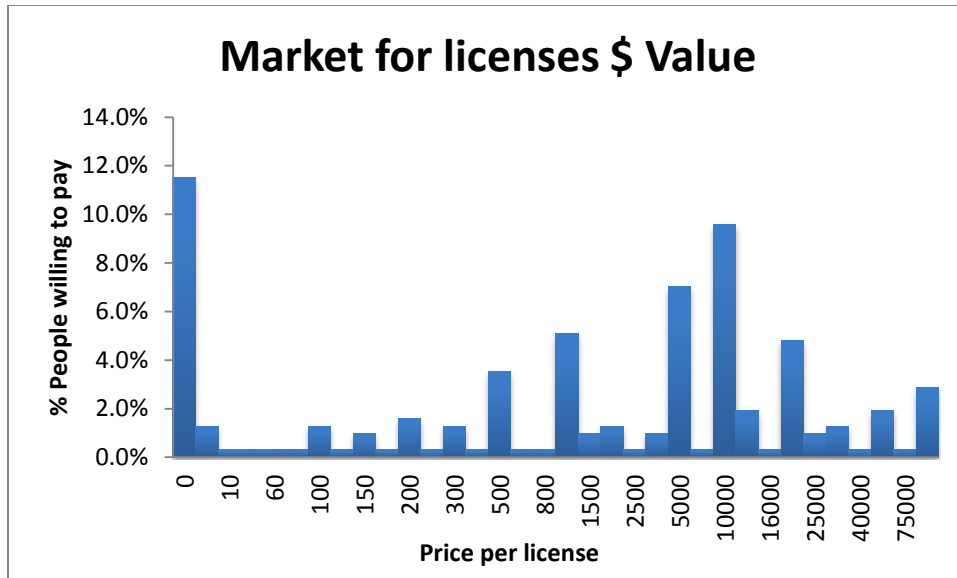


Figure Q18 Average Market Value Per License, based on survey results

Question Nineteen: If tags were transferrable, how much would you be willing to pay for one?”

The plurality of all respondents (35.5%) chose not to answer. The next most popular choices were one dollar, followed by zero dollars.

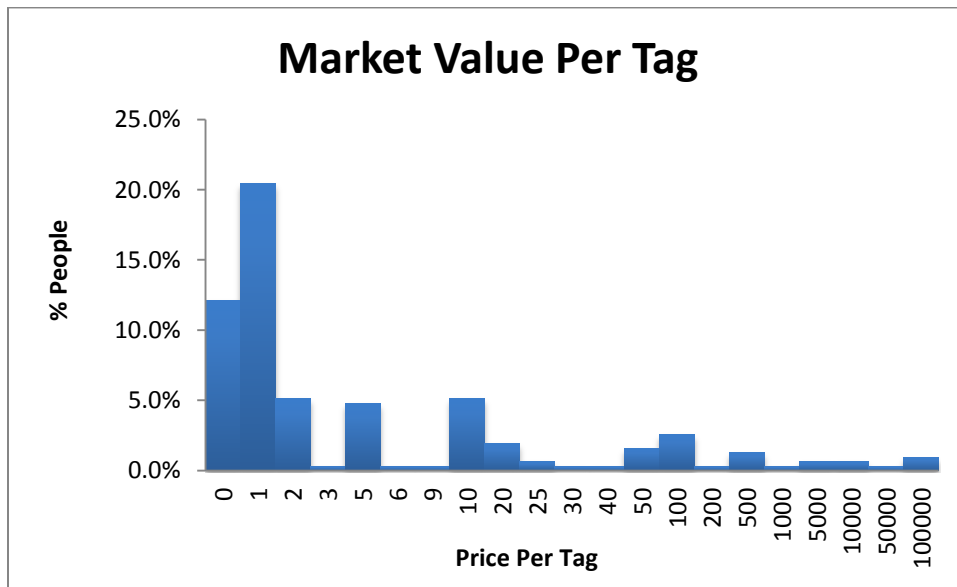


Figure Q19 Average Market Value per Tag

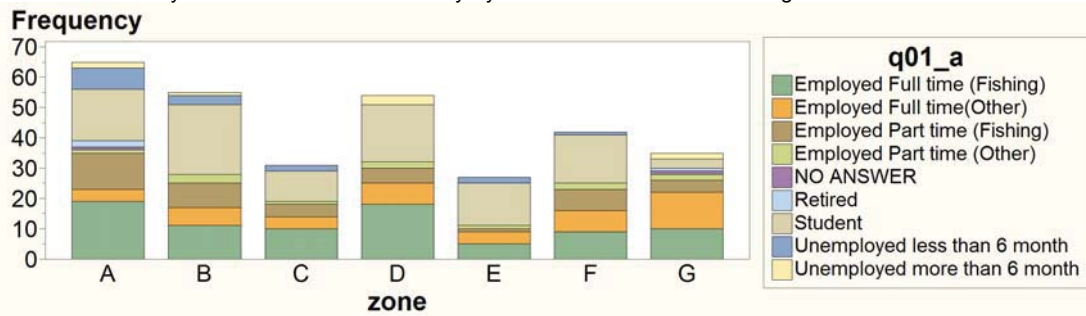


Figure Q1a_Distribution by Zone: What is your current employment status?

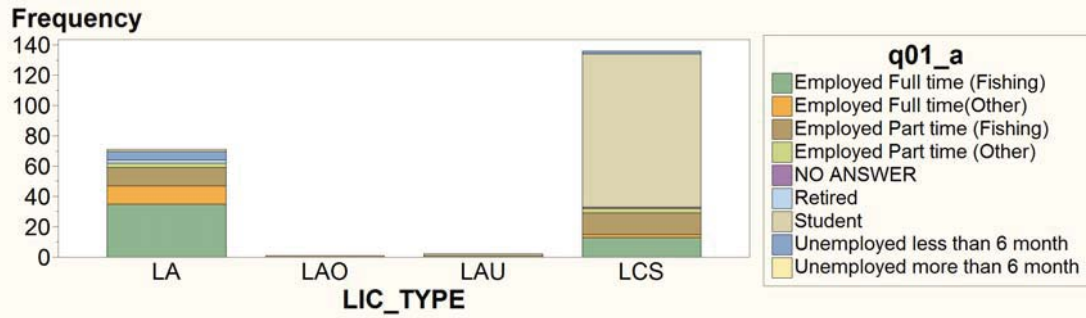


Figure Q17b_Distribution by License Type: What is your current employment status?

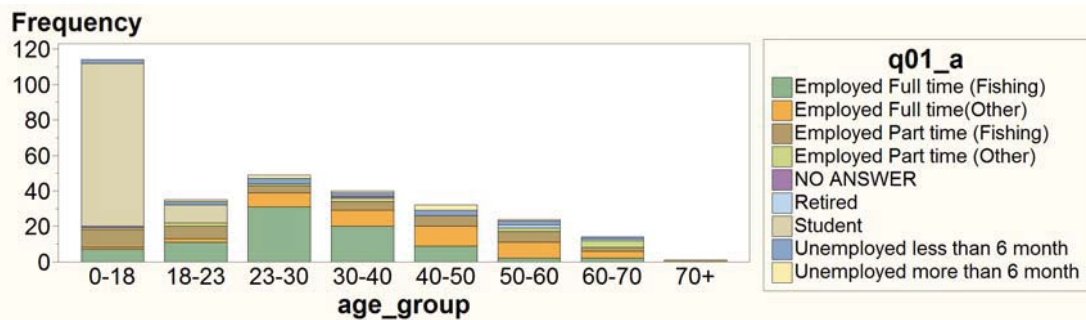


Figure Q1c_Distribution by Age: What is your current employment status?

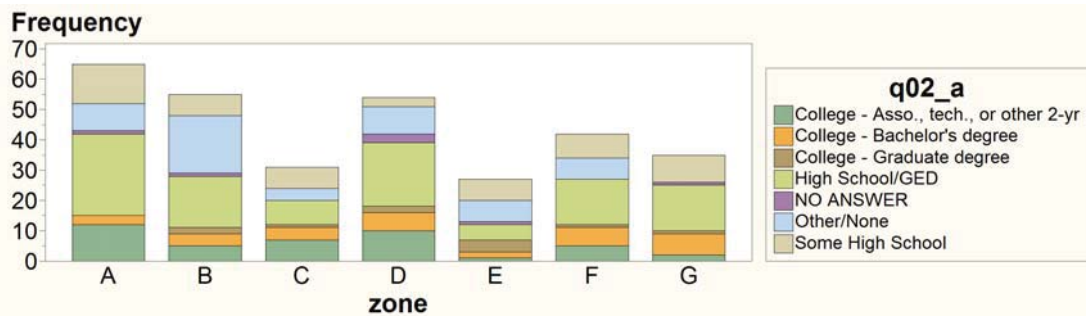


Figure Q2a_Distribution by Zone: What is your educational background?

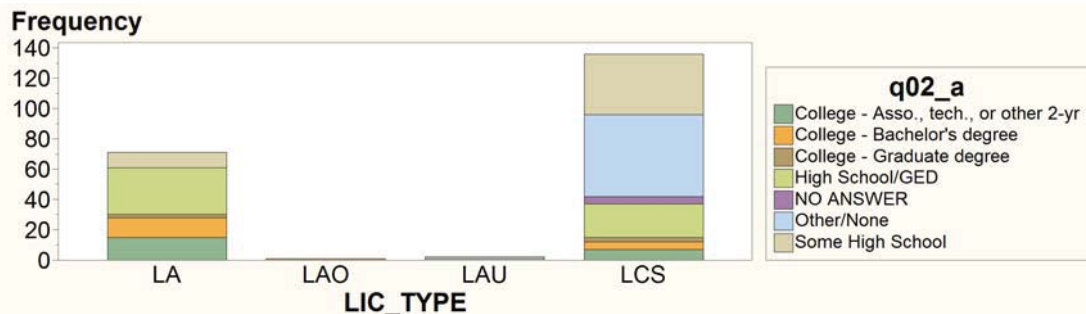


Figure Q2b_Distribution by License Type: What is your educational background?

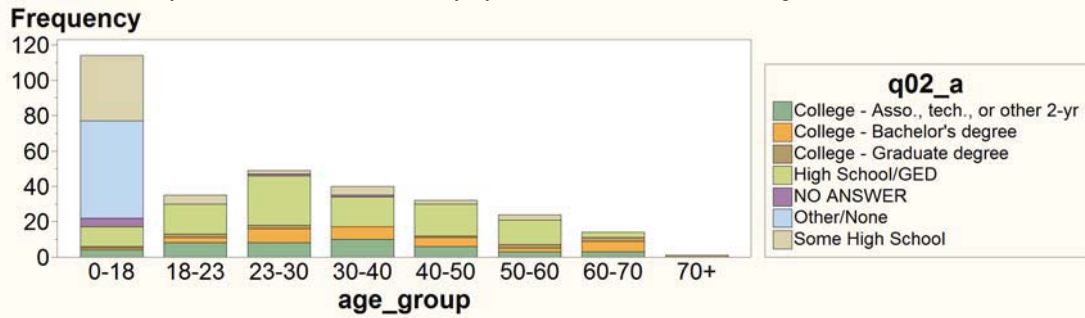


Figure Q2c_Distribution by Age: What is your educational background?

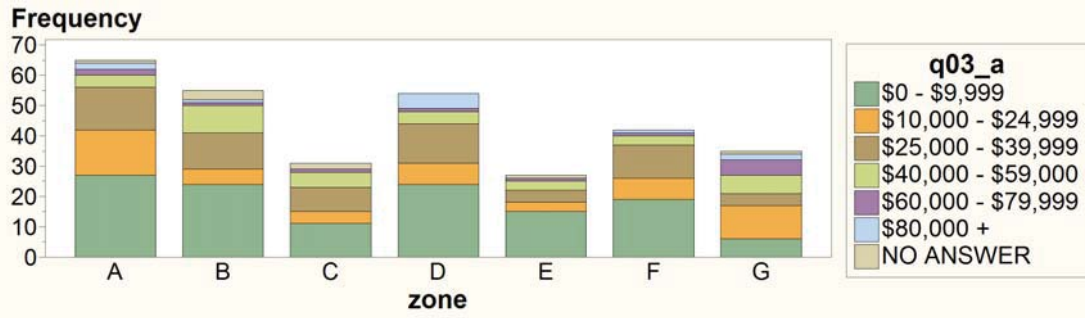


Figure Q3a_Distribution by Zone: Approximately, how much do you currently earn per year?

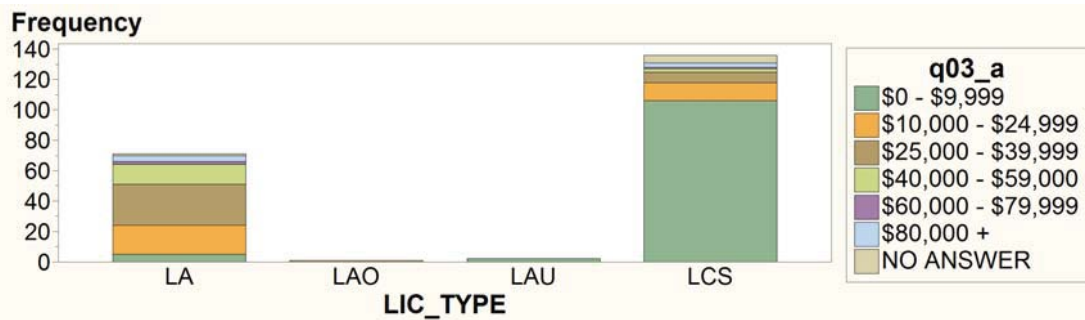


Figure Q3b_Distribution by License Type: Approximately, how much do you currently earn per year?

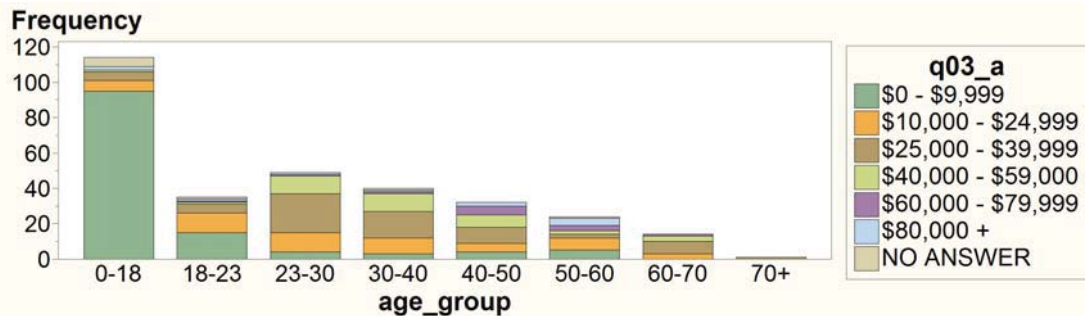


Figure Q3c_Distribution by Age: Approximately, how much do you currently earn per year?

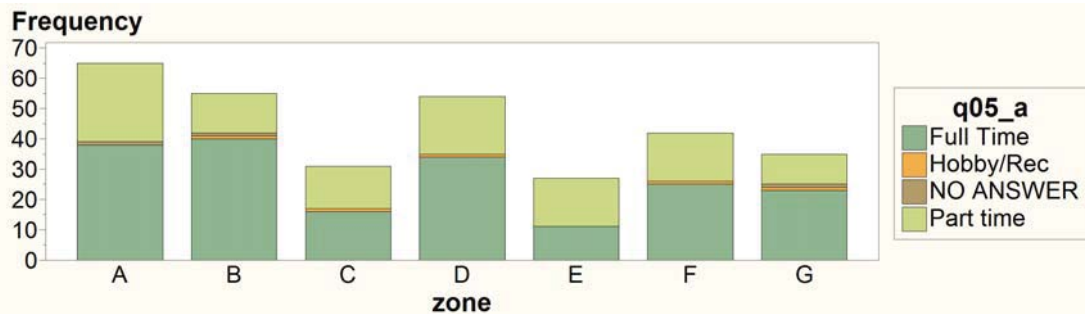


Figure Q5a_Distribution by Zone: Do you intend to go lobstering:

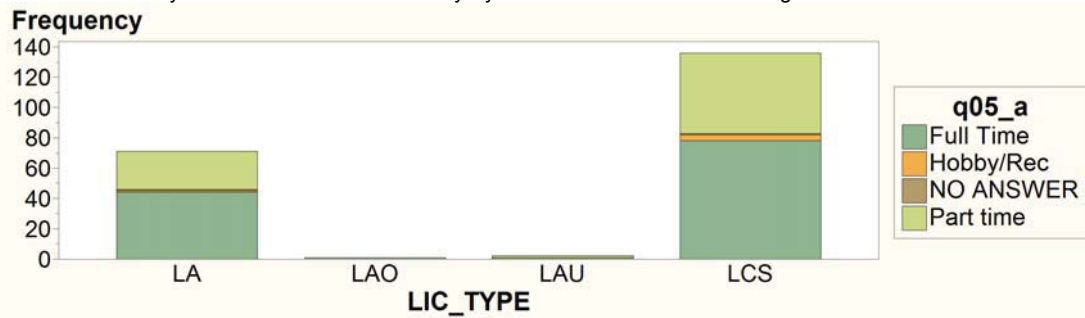


Figure Q5b_Distribution by License Type: Do you intend to go lobstering:

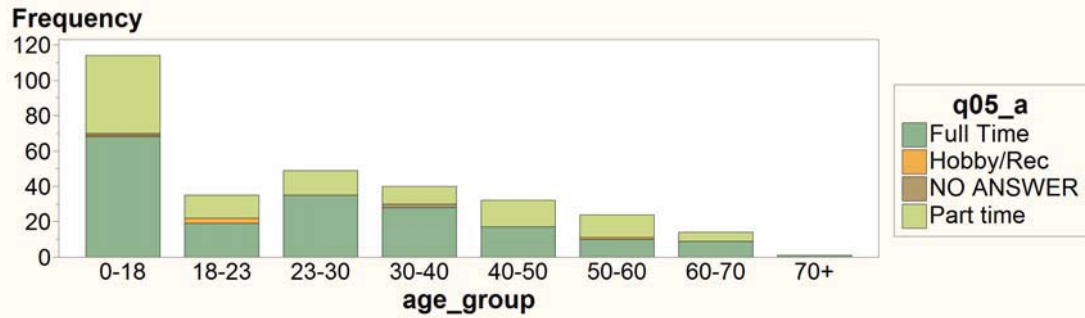


Figure Q5c_Distribution by License Type: Do you intend to go lobstering:

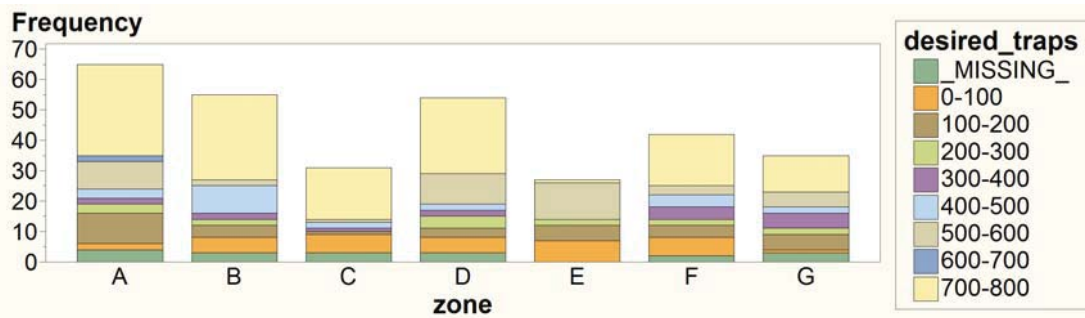


Figure Q6a_Distribution by Zone: How many traps do you wish to fish per year?

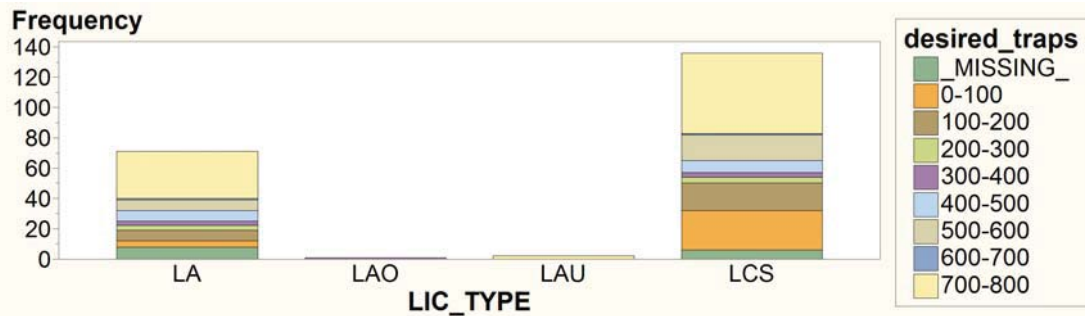


Figure Q6b_Distribution by Zone: How many traps do you wish to fish per year?

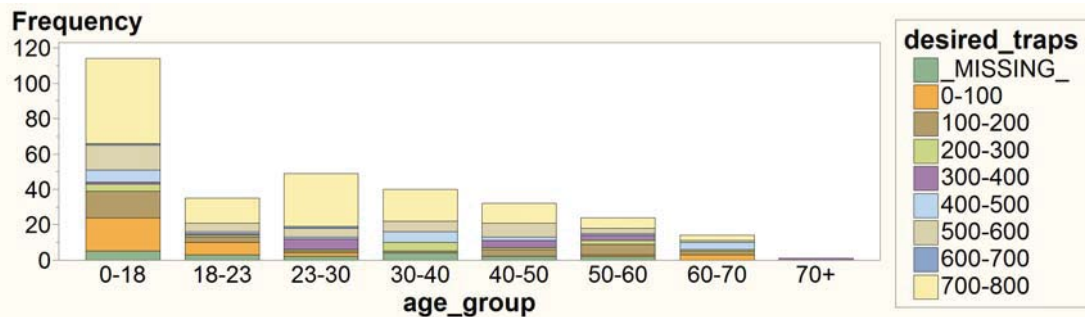


Figure Q6c_Distribution by Age: How many traps do you wish to fish per year?

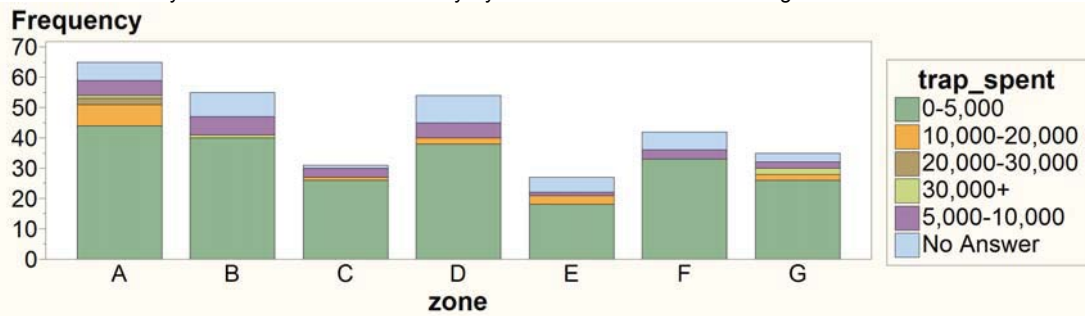


Figure Q7(a)a_Distribution by Zone: How much do you currently have invested in lobster traps?

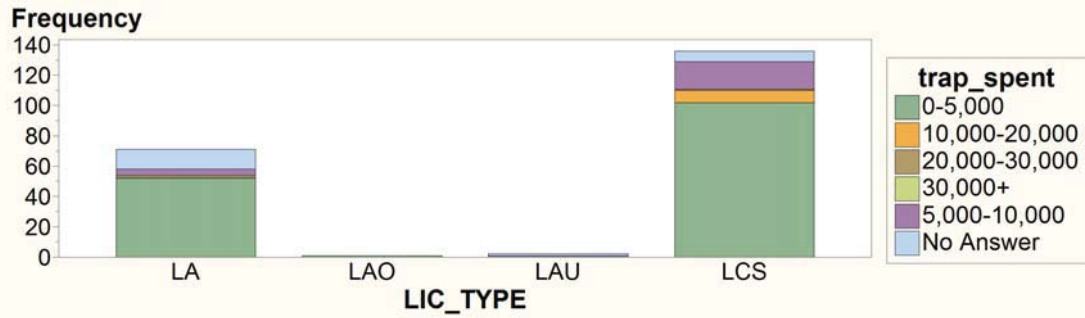


Figure Q7(a)b_Distribution by License Type:

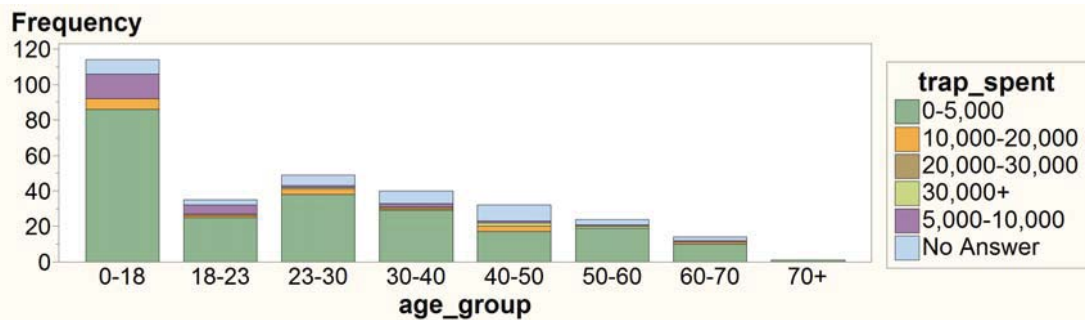


Figure Q7(a)c_Distribution by Age:

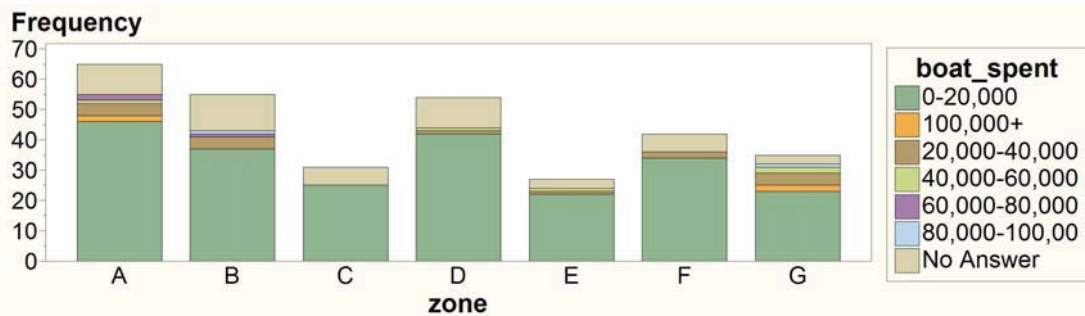


Figure Q7(b)a_Distribution by Zone: How much do you currently have invested in Lobster boat?

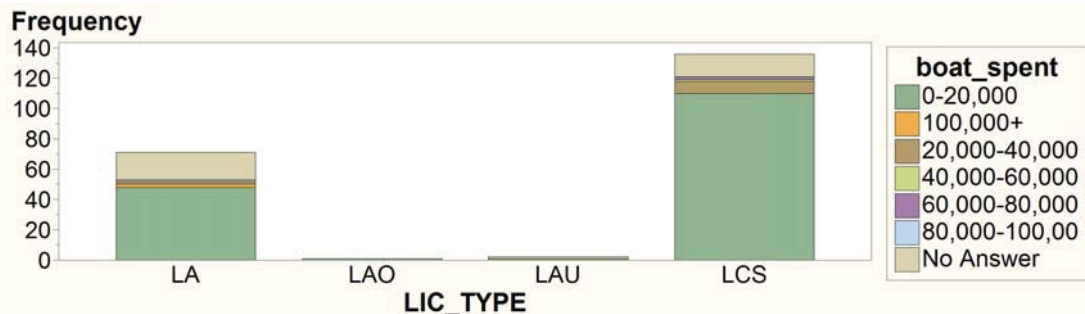


Figure Q7(b)b_Distribution by License Type: How much do you currently have invested in Lobster boat?

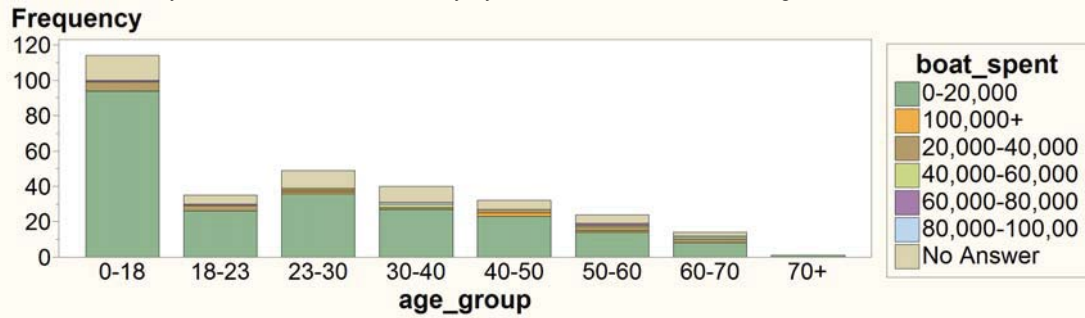


Figure Q7(b)c_Distribution by Age: How much do you currently have invested in Lobster boat?

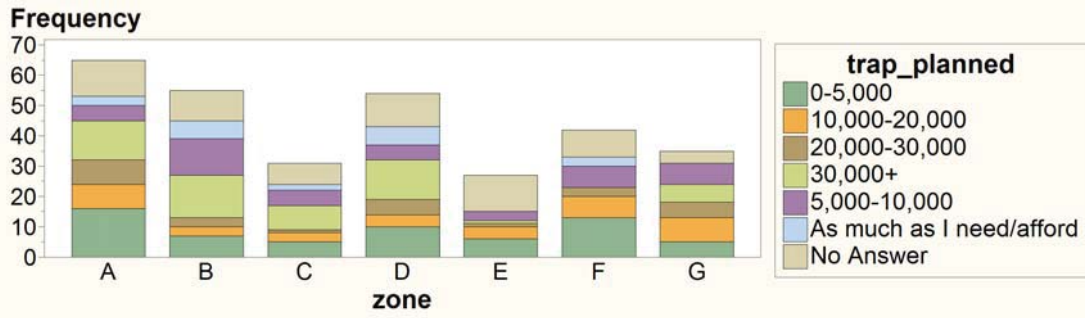


Figure Q8(a)a_Distribution by Zone: How much do you plan to invest in lobster traps?

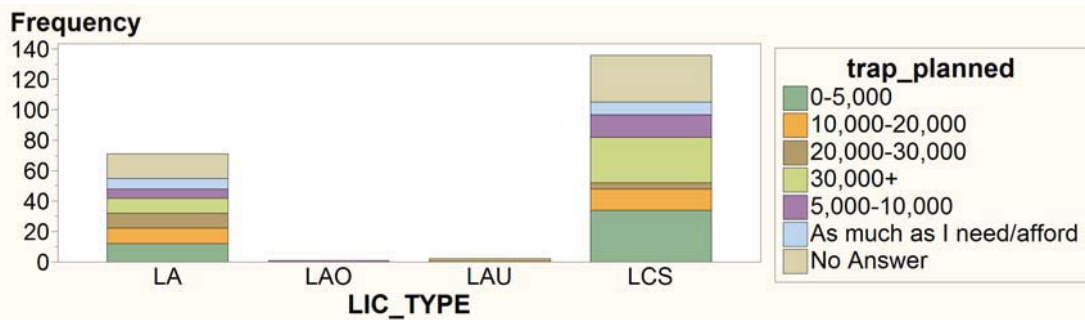


Figure Q8(a)b_Distribution by License Type: How much do you plan to invest in lobster traps?

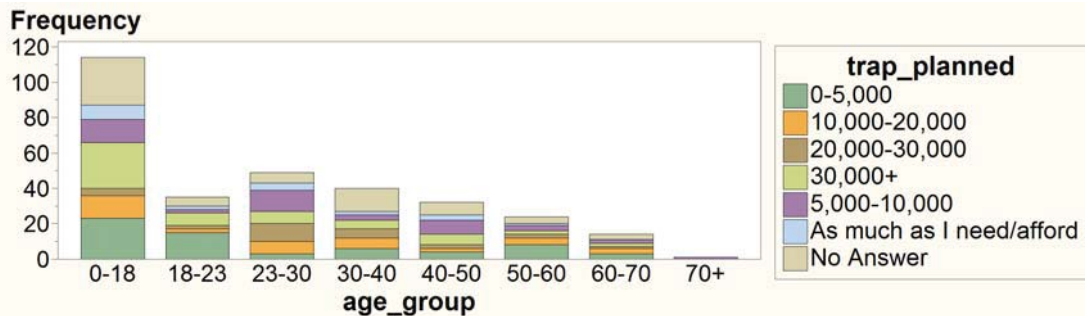


Figure Q8(a)c_Distribution by Age: How much do you plan to invest in lobster traps?

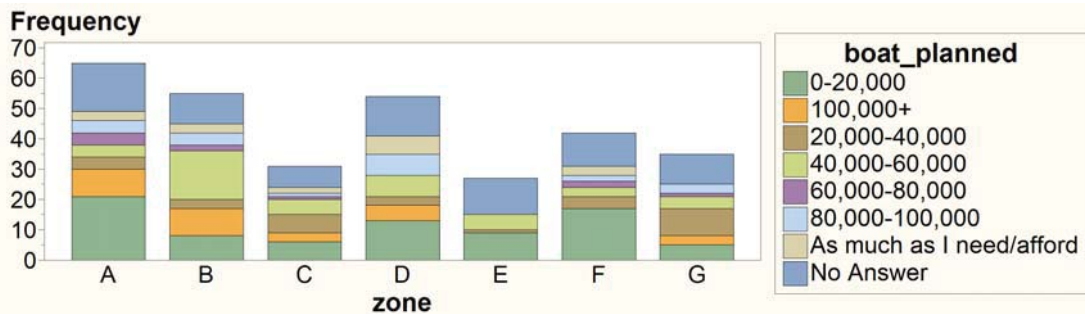


Figure Q8(b)a_Distribution by Zone: How much do you plan to invest in Lobster boat?

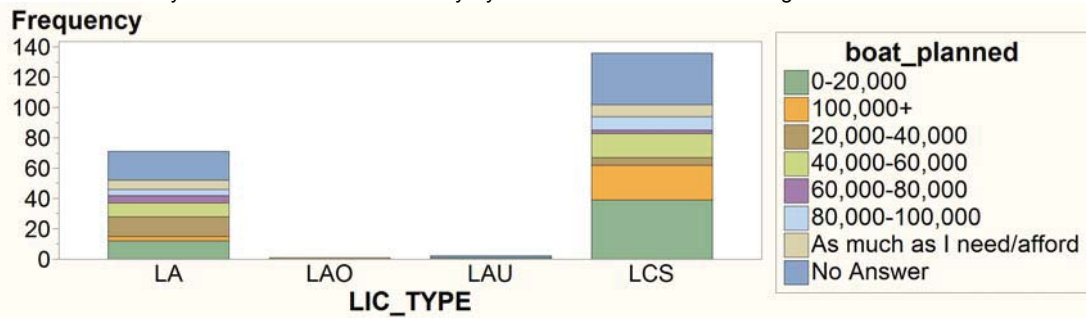


Figure Q8(b)b_Distribution by License Type: How much do you plan to invest in Lobster boat?

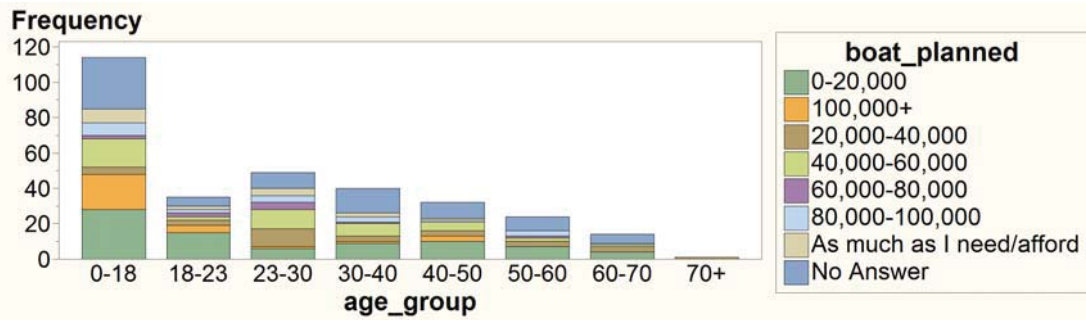


Figure Q8(b)c_Distribution by Age: How much do you plan to invest in Lobster boat?

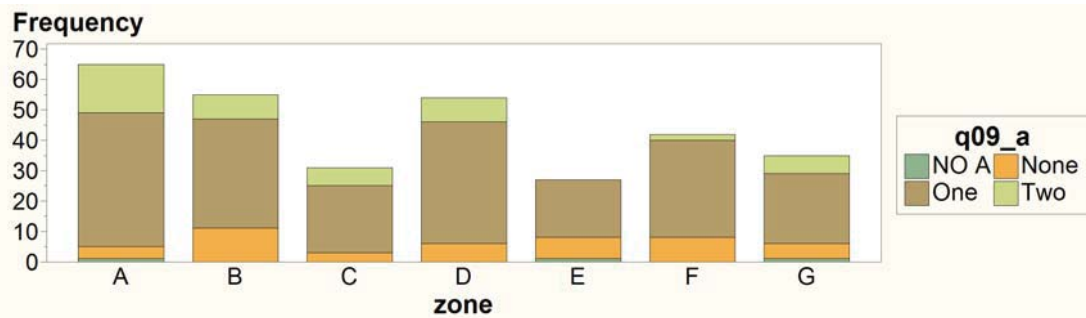


Figure Q9a_Distribution by Zone: If you were able to get a license, how many sternmen would you employee?

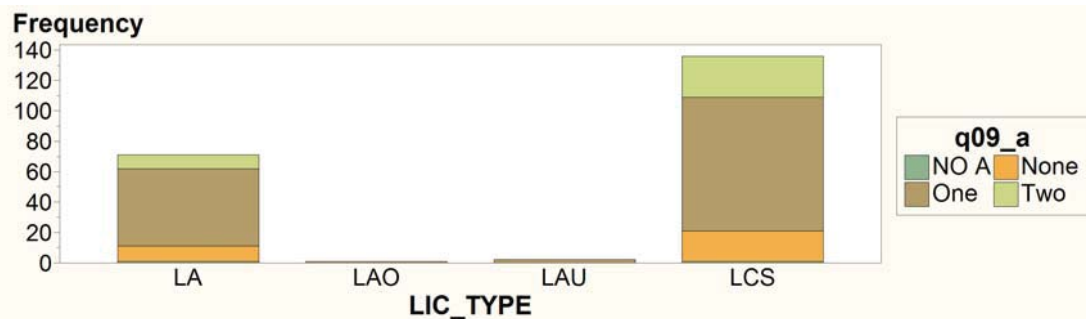


Figure Q9b_Distribution by License Type: If you were able to get a license, how many sternmen would you employee?

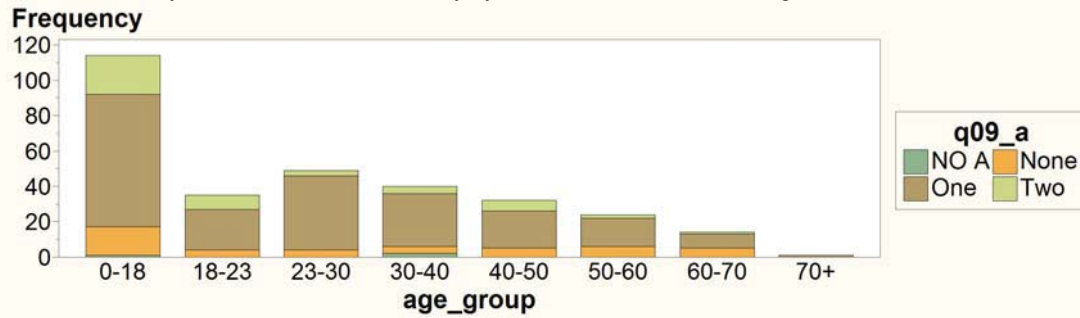


Figure Q9c_Distribution by Age: If you were able to get a license, how many sternmen would you employee?

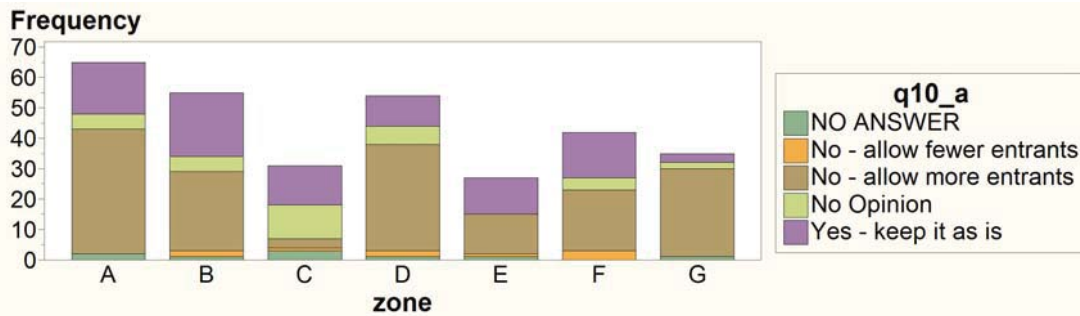


Figure Q10a_Distribution by Zone: Do you support the current entry or exit ratio based on tags retiring in your zone?

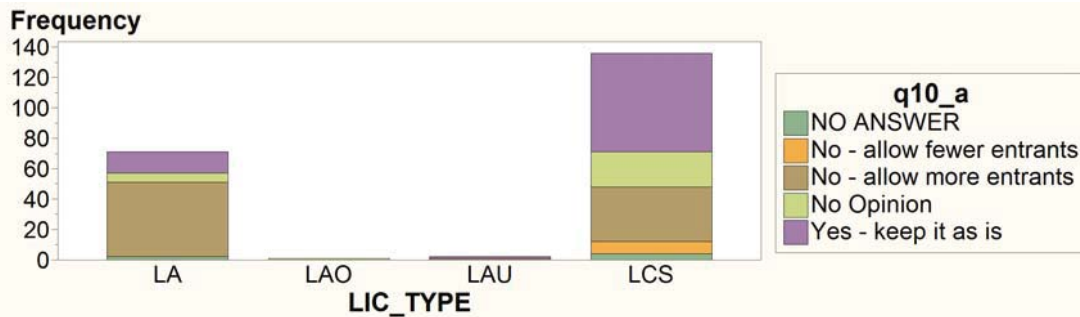


Figure Q10b_Distribution by License Type: Do you support the current entry or exit ratio based on tags retiring in your zone?

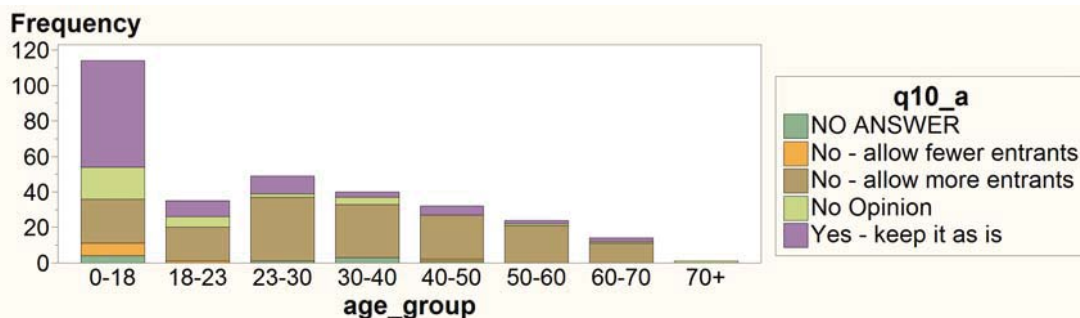


Figure Q10c_Distribution by Age: Do you support the current entry or exit ratio based on tags retiring in your zone?

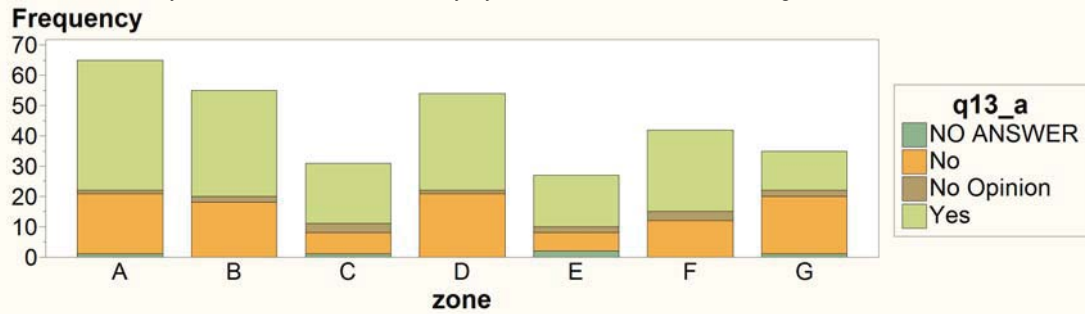


Figure Q13a_Distribution by Zone: Do you support the current regulations that allow students under age_group 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

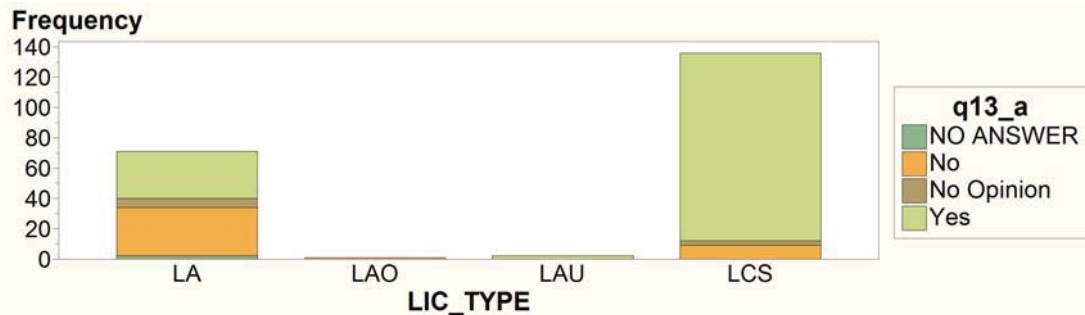


Figure Q13b_Distribution by License Type: Do you support the current regulations that allow students under age_group 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

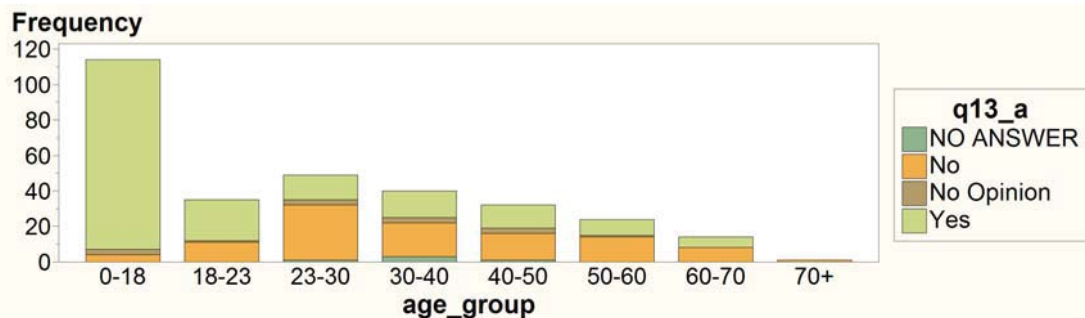


Figure Q13c_Distribution by Age: Do you support the current regulations that allow students under age_group 18 who have completed the apprentice requirement to get a commercial license without going on the waiting list?

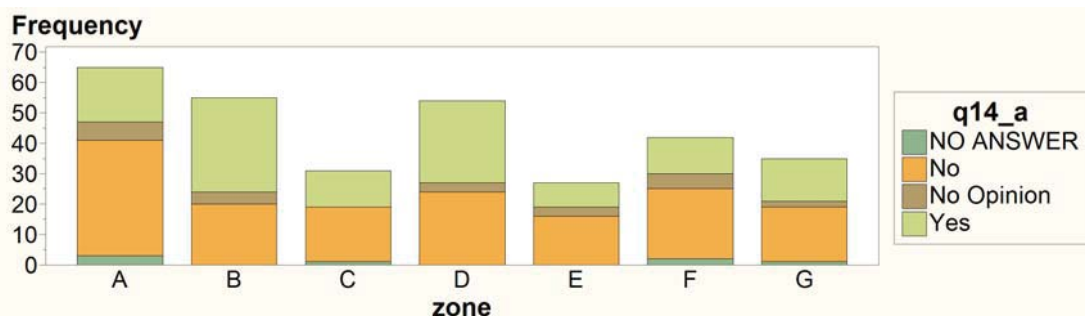


Figure Q14a_Distribution by Zone: Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?

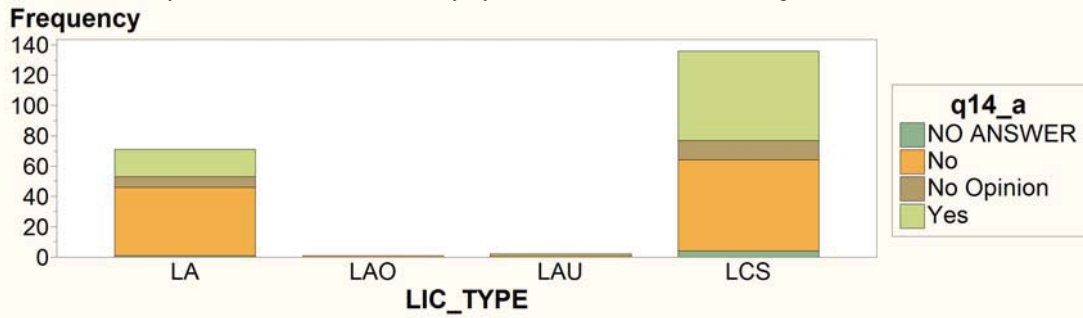


Figure Q14b_Distribution by License Type: Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?

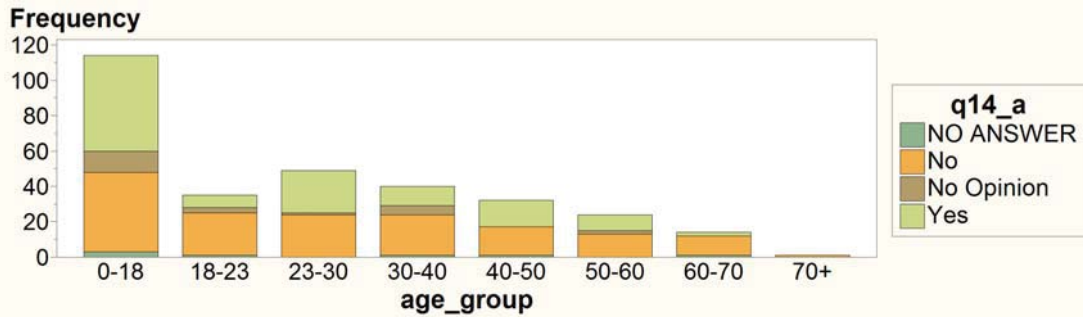


Figure Q14c_Distribution by Age: Do you support the current requirement that someone who has previously been licensed as a lobsterman must go through the apprenticeship program to re-obtain a license?

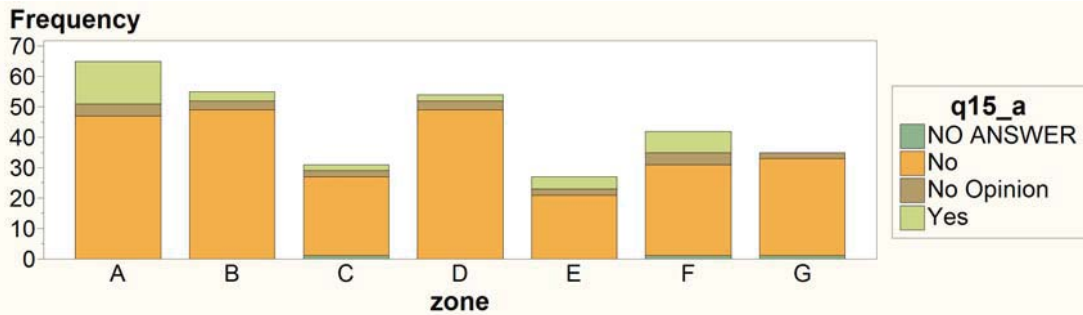


Figure Q15a_Distribution by Zone: Do you support a quota on pounds of lobster landed per fisherman, per year?

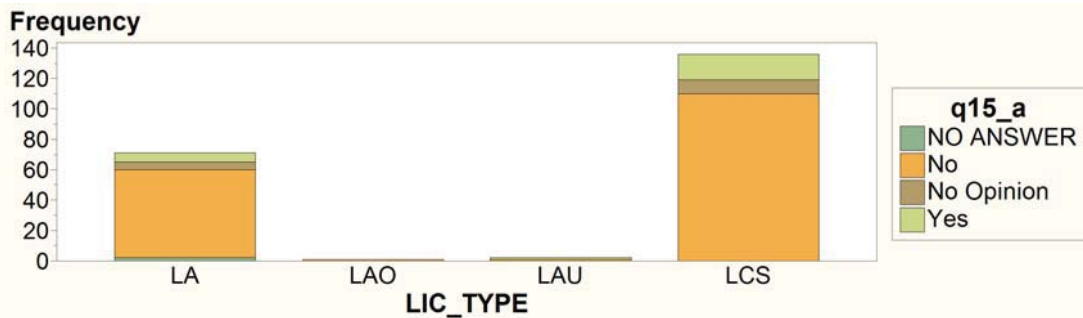


Figure Q15b_Distribution by License Type: Do you support a quota on pounds of lobster landed per fisherman, per year?

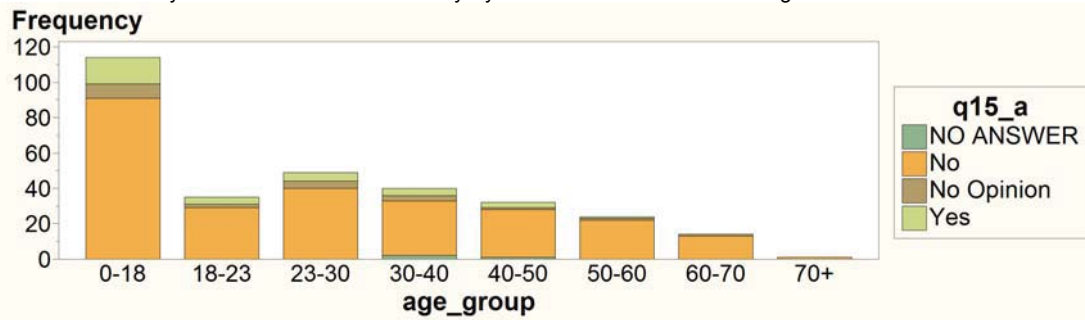


Figure Q15c_Distribution by Age: Do you support a quota on pounds of lobster landed per fisherman, per year?

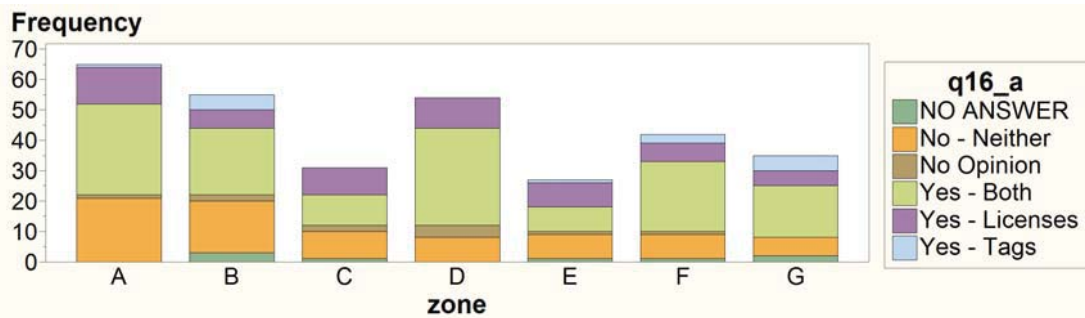


Figure Q16a_Distribution by Zone: Do you believe licenses and/or tags should be transferable?

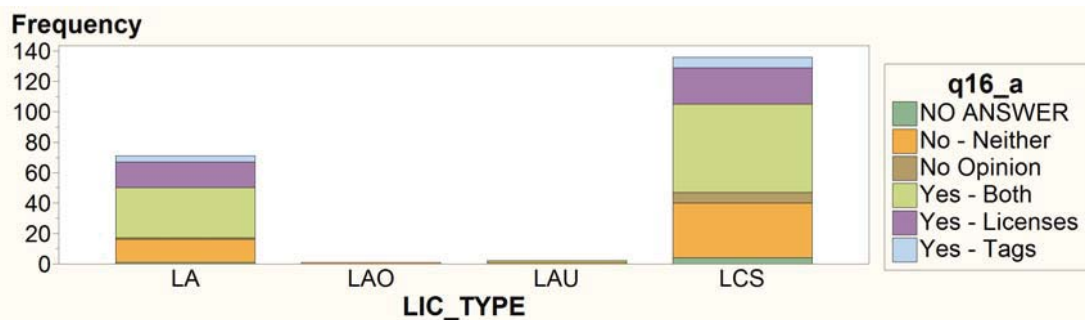


Figure Q16b_Distribution by License Type: Do you believe licenses and/or tags should be transferable?

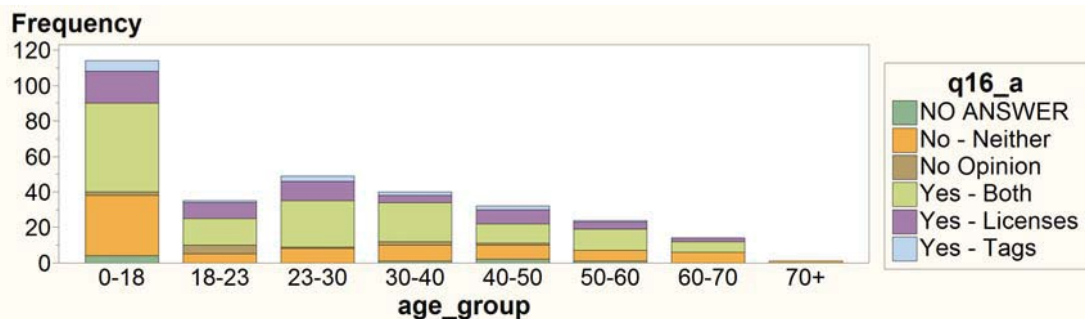


Figure Q16c_Distribution by Age: Do you believe licenses and/or tags should be transferable?

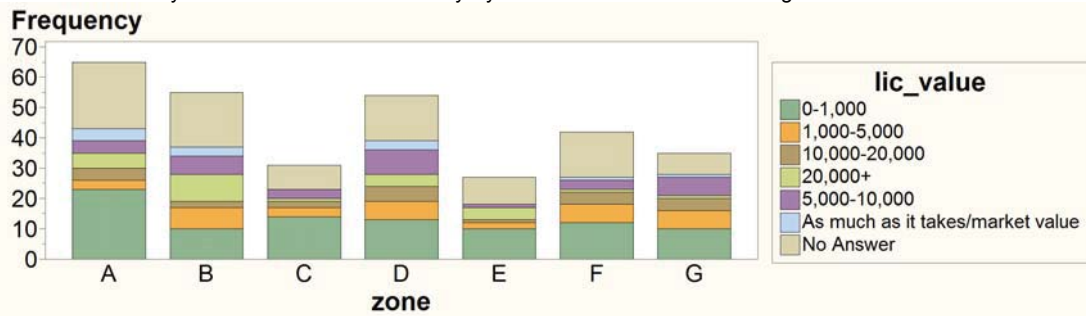


Figure Q18a_Distribution by Zone: If licenses were transferrable, how much would you be willing to pay for one?

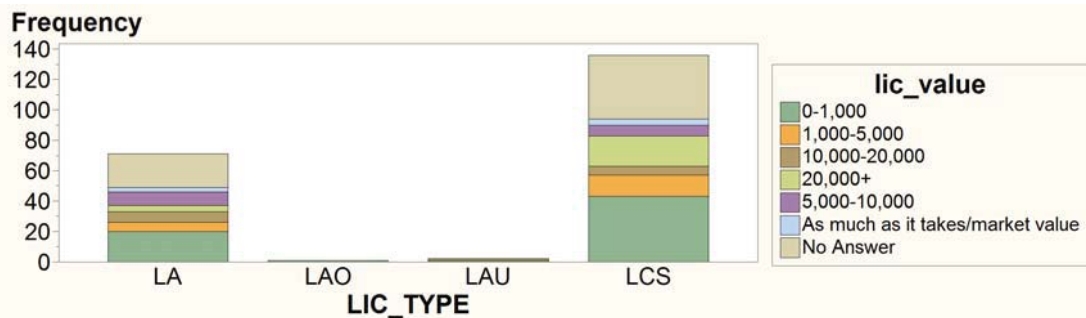


Figure Q18b_Distribution by License Type: If licenses were transferrable, how much would you be willing to pay for one?

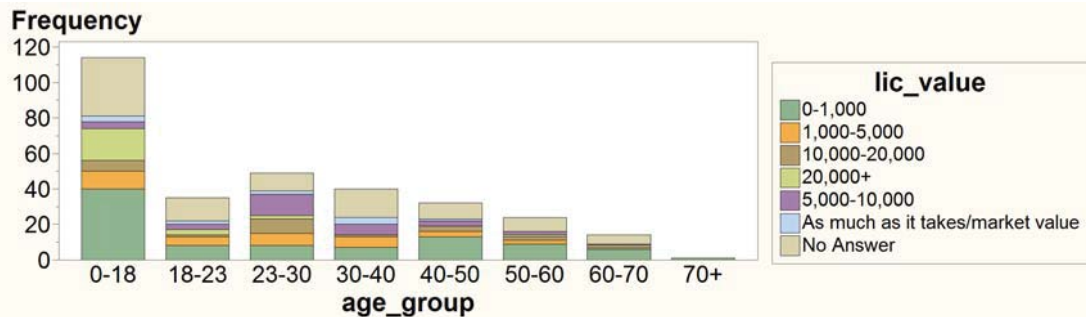


Figure Q18c_Distribution by Age: If licenses were transferrable, how much would you be willing to pay for one?

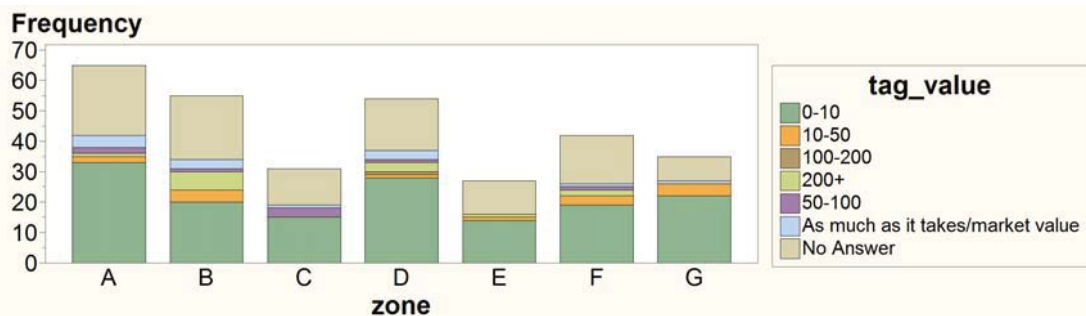


Figure Q19a_Distribution by Zone: If tags were transferrable, how much would you be willing to pay for one?

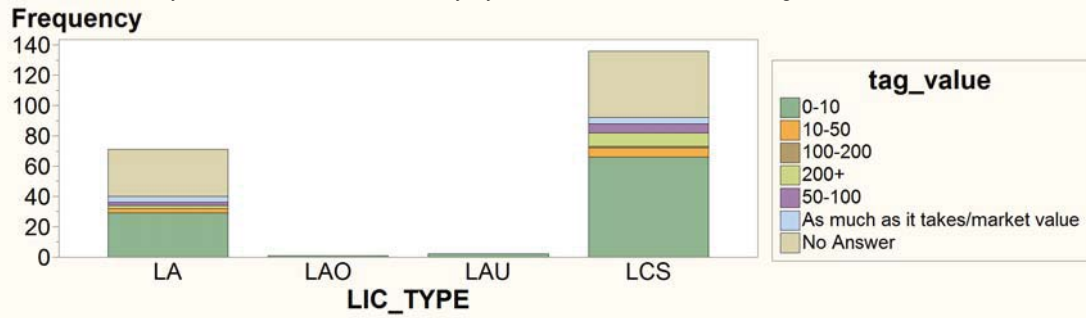


Figure Q19b_Distribution by License Type: If tags were transferrable, how much would you be willing to pay for one?

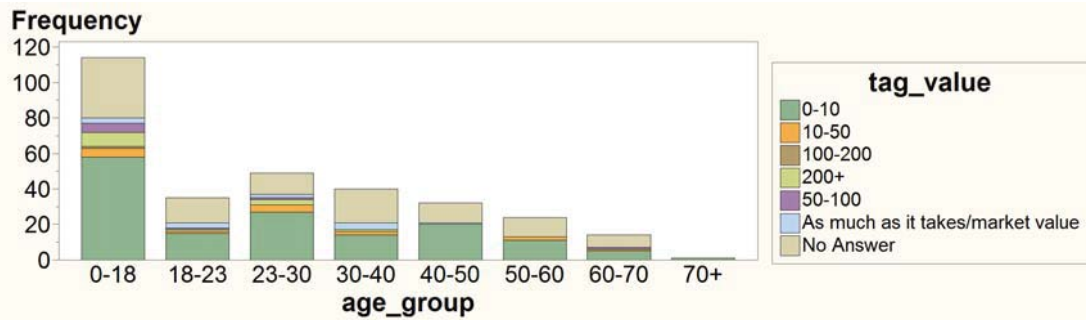


Figure Q19c_Distribution by Age: If tags were transferrable, how much would you be willing to pay for one?

Dear Maine Lobster and Crab License Holder:

The Gulf of Maine Research Institute (GMRI) has been contracted by Maine's Department of Marine Resources to conduct an independent evaluation of the existing limited entry system for the lobster fishery. The project will evaluate the impact of the current system on individuals, as well as Maine communities, identify any deficiencies, and offer suggestions for changes from the perspective of both current license holders and those seeking entrance into the fishery.

The project outcomes are due October 15, 2012 and will include a range of options for revisions to the system including associated pros and cons and potential economic impacts to individuals and Maine communities. The GMRI project team will work closely with Maine State Lobster Biologist, Carl Wilson, to understand the impacts of the options presented on the lobster resource itself. A Working Group of industry members and others will also be convened to provide critical feedback at certain points in the project.

Please help us by filling out and returning the enclosed survey. We are soliciting industry feedback through a variety of formats as we seek as much comment and input as possible –

- Confidential **written surveys** compiled by an independent contractor (Market Decisions, LLC) (*see enclosed survey*);
- A series of **public listening sessions** during the month of August and early September (*see detailed schedule on the back of this letter*);
- A **dedicated phone line** to record public comments or request a personal interview. Please call **1-800-293-1538 ext. 335** to provide additional verbal comments.

Please respond to the survey as the primary way to provide your input. Surveys are being mailed to all license holders, and individuals on the waiting list, and they are also available electronically on the project website www.gmri.org/lobster.

The deadline for all surveys and comments is September 7, 2012.

Completed surveys should be mailed via the enclosed envelope and sent to:

Maine Lobster Limited Entry Evaluation
c/o Market Decisions
P.O. Box 1240
Portland, ME 04104-9940

Your input during this evaluation is important. Thank you for taking the time to fill out the survey and participate in the process.

Sincerely,

GMRI Project Team

Project information and updates can be found at:

www.gmri.org/lobster

350 Commercial Street
Portland, ME 04101

tel 207-772-2321
fax 207-772-6855
www.gmri.org

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Meeting Dates & Places

Lincoln County Communications Center

August 14th from 4 p.m. – 6 p.m.

Local contact: Andy Hawke, Tyler Hodgdon

Bucksport Town Hall

August 15th from 10 a.m. – 12 p.m.

Local contact: Hilton Turner

Deer Isle/Stonington School

August 15th from 4 p.m. – 6 p.m.

Local contact: Hilton Turner

Rockland Ferry Terminal

August 16th from 4 p.m. – 6 p.m.

Local contact: Michael Dawson, Richard Nelson

University of Maine, Machias

August 29th from 4 p.m. – 6 p.m.

Local contact: John Drouin, Dwight Carver

Ellsworth City Hall

August 30th from 4 p.m. – 6 p.m.

Local contact: John Carter, Ken Lamoine

Yarmouth Town Hall

September 12th from 4 p.m. – 6 p.m.

Local contact: Steve Train, Willi Spear

Scarborough Town Council Chambers

September 13th from 4 p.m. – 6 p.m.

Local contact: Jim Henderson

Stonington Town Hall

October 5th from 5 p.m. – 7 p.m.

Local contact: Hilton Turner

Please respond to our surveys as primary way to provide your input.

The surveys will be mailed to all license holders, and individuals on the waiting list, and is also available on the website www.gmri.org/lobster

Completed surveys and Comment letters should be mailed to:

Maine Lobster Limited Entry Evaluation
c/o Market Decisions, P.O. Box 75, Portland, ME 04101

Deadline for all surveys and comments:

September 7, 2012

Project information and updates can be found at:

www.gmri.org/lobster

Lobster Limited Entry Listening Session
Deer Isle – August 15, 2012

- Value added situations to make it more profitable
- Percentage of income-based
- Younger people need opportunity but should stick with it. Take it seriously
- No such thing as one size fits all
- Open zone important to keep people on island
- People who are not using license to keep in the family, remove competition for children
- Kids should never lose opportunity to work
- Take care of kids and retirees so don't hold on to license till they die
- Confusion around what it means to not easy to retire, want to be able to sell license and retire on that money, not transfer, to kids because not all have kids that want to fish
- Can't sell boat without proof of income
- Feel plenty of people fishing already
- Apprentices can't afford to invest initial and from those that do only a few will actually be able to do full time
- Hard to get started, system designed for those already fishing
- Value of license is what makes it worth while
- Have to start part time, can't do more cause of trap limit, takes 5 years to be able to go fishing full time
- Price of license needs to remain affordable to allow students access
- Therefore wouldn't want to see price tag on license this would be the beginning of the end
- Bloodline fishery not for public access
- Lobster not owned by lobster
- Transferability means price tag
- DMR statement that no license sold in state of ME (but this can change quickly)
- Bloodlines can break people from Holton who follow right steps should be able to fish
- Just because you have a license doesn't mean you can fish (or are going to)
- Quota, lbs removed
- No limits beginners to much optimistic to think quota/lbs would stay this high
- Resource fluctuates too much
- No way to remain flexible with fluctuations with quota system
- Also quota means putting price tag
- Need opportunity to get skill but it needs to be a reasonable amount of time to get the make it points.
- After a certain point if you don't perform after period of getting in to lobster
- Don't limit opportunity to try
- Tiered system?
- Starting out it is already hard to find place to put 400 traps in the water
- Gradual entry is what makes it work
- Scale up, no trust in system to not want option of 800 tags
- No way of knowing how many tags used

- Opportunity to gut system and trust system with new commissioner. The time is now
- Zone B, do not want an new licenses the hottest in terms of this issue
- More greed control instead of effort control
- Don't see data to validate trap reduction
- Getting rid of them is the problem
- Western boundary is shifting east Casco bay not seeing that more alternative employment options
- Only turn that also have municipal shellfish program
- Zones able to respond to these problem?
- Diversification, opportunity to diverge into other fisheries is necessary
- Student, 17 almost has logged hours concerned to finish before turning 18
- C. Guenther outreach meetings discussed to raise age to 20.
- Days are issue for student (v.Olsen) has to do another summer just to do days, have many other activities that compete with time and ability to complete days
- No matter rules (if other zones open like C) it doesn't matter, fishermen won't open up apprenticeships to people not in fishing families already, community rules will prevail no matter if its open, fishermen will still enforce their own rules and only let their own family members in.
- Legislature not always aware of what is really happening both economically and socially
- With the current market, its likely that people will start fishing more traps to make up price and this could continue if price stays low
- Making these rules and the changing rules makes it hard to plan for future
- C.Gunther, people west of here are still going even when not making money, but could be pricing them out for next year they aren't immediately responding
- You need money so you have to go but digging hole for next year
- Economics dictate
- Zone C is successful because of geography
- Should open zones and make apprenticeship longer
- Zone votes have been close
- Let apprenticeship work it out because a portion won't be able to afford too
- C. Gunther, a lot of support in meetings to open zones but add components to apprenticeship program, increase student age to 20
- System hasn't been challenged yet by a decrease in resource
- We're farming lobster, seeding smaller less of ground fish in area
- As long as there's enough food on bottom
- Once you get to managing number you can
- Some council members all 800 trap big boat guys, look down at part timers, feel underrepresented (but we are from zone B.)
- Rules aren't reason for fighting more social reason
- Sophomore, freshmen don't become in you try to go unnoticed
- Don't think its right for everyone to fish effort already controlled by economics and social system
- Guys will stop signing when it gets easier to get license and this will control effort

- Element of stewardship and sustainability were part of the plan but structure isn't being used the way it should be
- Zone meetings are jokes
- Zone members don't feel like they can actually govern (Sarah still helping plan meeting)
- Apathy?
- Fixing it makes it worse fix one problem and add 12 new ones
- Only think zones might be able to do are easier things but can't micromanage
- Hear leave us alone and let us fish but then price issuer and suddenly want action
- When things aren't working they need a place to go and zones are not where they go (go directly to DMR)
- Marketing issue, MA and CA are the price setters not ME, going to be satisfied forever with minimum price
- Government gonna supplement those not fishing?(if effort reduced)
- Open up processing and value added here in ME
- Why not capitalize on product
- Wack a mole effect
- State doesn't help people trying to start up
- Problem with Maine lobstermen is that they don't market they are fishermen
- Ocean spray didn't go anywhere what do you do if people refuse to think differently?
- Resistance to change don't know what rules are going to be down the line
- You can't invest into new thinks for fear/uncertainty of future
- Don't think you can do small scale processing to compete with Canada
- Can't just do lobster because seasonality need market to sell to different machinery for different product
- Silver Bullet
- C.Gunther as much as you can make fishing an active decision, rather than settling or this is what I know
- B. Tripp would rather see children fish before selling license in 40 years
- Murray make sure to think regionally and remember environmental structures a lot of variables
- Susan Jones transferability has to be carefully because won't lead to fishing being an active decision people will find a way to put a price on license
- Looks attractive during boom times if there were more jobs available there would be less that would do it only to make a living
- Student program overly encourages students to get into fishing at a time when there are any other options
- Less people going to 2nd education in coastal areas (especially now that lobstering is so good)
- We need more jobs in Maine other than fishing
- Redefinition of student program its an option but not only option increase age 23-24
- Scott Silver – opportunity if you odn't make it you don't make it. Let economics play
- W. Nichols age cut off forces you to

Lobster Limited Entry Listening Session Rockland – August 15, 2012

What's working?

- Not very much, fundamentals just not adapted to industry
- Some traditions should be kept
- How many traps in the water? Don't think there is a scientific answer to that?
- Extend entrance/exit ratios to districts
- Each community should be able to decide what they want
- Use planes sensing equipment etc. to figure it out
- D. Cousens we do know something though, 1 million latent tags (1/3 of tags)
- Newspaper/literature is confusing
- Let latent tags be sold that 1 million extra tags in the water
- Let shuffle to let new people in or allow transferable
- Price tag/value should be up to seller (that's business)
- Fundamental system we work in here is unlike any other fishery anywhere else
- If you are going to change system you will have to change everything all rules based off fact that you don't (?) license
- Without ownership older guys are screwed
- Can't get together people to run your business when you want to retire
- I want to see this resolved this will require throwing everything out and start fresh

Ownership/privilege?

- Father 92 year old couldn't pay taxes should have been able to sell it to somebody to retire on. The state would continue making taxes off these sales, we should arm licenses
- Father is 91 years, paid for permit for 40 years, he has nothing to show, I believe transferability to give to family makes sense
- License holder should be able to do what he wants
- To a corporation? And individual?
- D. Cousins – NO
- Latent effort can't be sold the only hope must be attached to an active license unintended consequences
- It has killed us in whale rules
- Wants it to be gone tomorrow
- It's a finite resource not like teaching etc
- Need to stop thinking about this as individuals but an industry letting young untrained people in and latent effort issues need to be addressed nothing left of working waterfront
- Don't take license away from latent they can keep license and can keep minimal # of tags, ex. 25000lb cut off
- Others who are full time can transfer (part timers not allowed)
- Will need to differentiate a cross the region
- Only access to latent tags is a totally politically thing new, have to change them legislative
- Who makes these choices? Zone councils
- Zone councils? they won't give us that power
- Latent effort killing us has to be done in legislation
- Nobody to take this initiative
- Until you get 100% individual landing this will keep coming back
- I know people who have tags 800 each year since they started and never put 7 traps in the water

- Landing slips really stupid whatever we do we know how not to do it, we've learned by now
- D. Cousins I get it those people who want to go fishing can't that's crux of the problem
- This legislation session is he
- You are going to have the everything together if you want transferability
- Waitlist and student is what caused this resolve?
- Aside from this I think it's working
- VH east totally different no jobs
- VH west options for other jobs
- Many people just want to deal with waitlist people only not necessarily throw it all away
- You have to look at each area but DMR will decide a state wide solution
- Kids left out intentionally because want kids to get to go fishing (VH and East, this is still important)
- Don't understand limited entry system that doesn't control who gets in
- D. Cousins, I agree that this was a major oversight but for some student was only way they'd agree to limit entry
- Shannon seeing students get ahead is very frustrating, I never thought I would be wanting to fish at 30
- An wait list for 2 years, moved up 3 spots
- I don't understand how you can limit people and not limit students
- I don't know why this hasn't been challenged constitutionally being discriminated against for age
- State doesn't have the right to put value on licenses
- Licenses need to be transferable with in zones only can't transfer across zones
- You can't keep reducing trap #'s just degrading industry over and over

Quota?

- D. Cousins, no poundage fluctuate too much
- Need safety in place to protect resource and we do v-notch etc.
- Wealth is being distributed across too many people right now
- Quota would boost price but not enough
- D. Cousins you couldn't go get product whenever you want seasonal rolling closure, effort reduction during June way to let people go to work every day and still limit amount of lbs. Limit traps seasonal closure
- State legislation not even allowing baby steps, proposed late June haul
- Product Fri., Sat. Sun shut down
- Nobody want to be told what to do so they don't do anything
- D. Cousins you will see a different for next year for sure. Industries aren't built over night
- Blueberries spend more money on marketing than lobster
- D. Cousins has to be reduced level in June
- Mechanism to let new people through
- Tags are currency
- Licenses are not shouldn't take away from anyone
- To solve Shannon in
- Set time limit
- Exit after 5 years you will be in with min. # of tags later down the road she can transfer etc.
- As viable business now where we are keeping up equipment, conserving resource, it's impossible to make a living/be good business
- D. Cousins Explains new Canadian proposal 12% cut in landings, 19.5% raise in revenue
- Grading always supported this our dealers are lazy!
- Frozen entry they haven't changed in 20 years

- Canadians are already ahead of us
- Land mor lobster with less trap and make more money
- We worry about catching lobster, should be worried about catching dollars!
- Can't spend lobsters in Canada they think profit rather than lobsters
- No stackable licenses
- Licenses only worth what you can make off it
- But if you stack 2 licenses on one boat we can be more efficient
- If you don't have a viable business it's a moot point
- Young people aren't able to run their own business
- Society thing lack of engagement is pathetic
- Bills in legislation, good intentions in garbage out, blows up
- Until you get a law making body
- Apprentice, started with grandfather at 12, went to school gave up license, grandfather left property on friendship (his inheritance) 8th generation. When I was young I had decided to go to school. Supports selling/transferability of license. Has 3 fishhouse it's my equity, inheritance but I can't do anything but rent these out to other people
- Cousin maintained license and can fish
- Emphasis on his family and ancestral ties to fishing and implied entitlement
- There has to be somebody who understands
- D. Cousins every year we hear heart wrenching stories like this, we are trying to solve this, but we need to make sure its fair and equitable to ones that are in transferability could be a good solution for you but not everyone
- Probably too complicated to happen this year but at least something will be done to start this along

Silver Bullet

- Advocate of transferability of license or equity (800 tags)
- Like tiered system only wants 200-300 tags
- Mike disappointed with # of fishermen at meetings. This is their livelihood marketing meeting only 40 show up also like tiered system
- D. Cousins like to see more participation at meetings.
- Blueberry presentation nobody shows up
- They don't even know what they are getting or potential
- Meetings like this people don't attend don't hear these personal stories
- I thought we would have more people here at least 50 waitlist
- Lobstermen are most independent
- Only interested after the fact
- Apathetic until

Lobster Limited Entry - Ellsworth

What are you worried about?

- Career changers coming in, taking from full timers
- Trap reductions 50%
- Worried about 400/475
- Ruining the industry, over fishing
- Allow kids a chance to get in
- Worried that latent tags become real effort
- Supply and demand – price
- More traps in water
- Changing rules
- Too much product landed to quick
- Carrying capacity of the fishery
- Apprentice program commitment
- Why now? Times have changed?
- Fishing on top of each other 50%
- “Plenty” of space 50%
- Feed needed
- Less feed with fewer traps
- End line issues
- Environmental regulations, whale rules, views of those individual and the impact on the fisherman
- Local communities, shore biz, boat builders, etc.
- All licenses, diversity of all efforts
- Groundfish and other licenses unavailable
- Federal licensing, restrictions, closed

Goals....

- Enable next generation to fish
- Protect fishing family heritage
- Bloodline transfer – son, daughter – immediate family – yes/no divided
- Open to anyone
- Owner operator/not big biz
- Allow amount of effort to scale with amount of resource
- Exit: entry ratio reasonable
- Maintain current level of effort ½
- No dollar value on license 100%
- Open transferability
- No value on tag
- Tags not transferrable
- Over time you fish less when you leave, fewer tags leaving
- Exit : Entry
 - Use longer histories, look back
 - 1 for 1 licensees
 - Improve accuracy of effort estimates
 - Use maximum tags even if not fished
 - Use tag records 5 years back

- Look at latent effort, landings
- Use landings history
- Options are important, tags kept
- Reported income matters 80% get in
- Break up zones, more manageable
- Entry number of traps lower leave the rest alone
- Revisit 4000:1 ratio lower to 3:1
- Equal opportunity
- Ability to fish other fisheries – diversity biz full timers
- Downside protection for full timers hard to survive today
- When you die, the next guy gets in
- Keep limited entry
- Bottom-line threshold, set bar
- One out, one in
- Ensure low effort available, lower trap #'s than 800/tiered license by choice
- Fish your zone
- Are zones working?
- License system vs. effort limits
- Relationship needs to be evaluated (?), may not be direct relationship
- Tags and licenses together limit effort
- Eliminate latent tags, get a real picture of what is real effort, actually fished. – not just issued
- Allow tags to be redistributed
 - Limit view – no value \$
 - Not individual transfers
- No value so people will give up tags – split options
- Ensure ability to scale up, down tags available at reasonable count
- Fairness, away to get in reasonable pathway for all

Apprenticeship

- Working, but not wait list
- 2 yr. commitment good then should get limited number of tags to start, from latent poor, cleared ahead of time
- Exiting tags should be spread out among entrants, 400? Starting point
- Some kind of way for returning fishermen to get in
- 1 year refresher? Wait period, 2yrs excessive
- Age upper limit 65 years – keep this
- Stern man reg'd? students should also be apprentices – already there?
- Ensure students truly prepared come from everywhere, log books?
- Student hours on big boat (some hours) equivalent to apprenticeship
- Some training time on full time boat
- Extend “apprenticeship” beyond student who turns 18 year round issue
- Working for captain, hard workers
- Students must stay in school, no drop out
- Encourage them to stay in school how can they make such a big decision?
- Keep 23 year old 150 trap provision
- Young adults 17yrs old tough

Limited entry ... created big problems government gave no choice feds pressured the state.

- No news regs
- 85% living comes from the business
- Fix apprenticeship
- *Get rid of wait list
- *Get rid of latent effort – some fair way
- Protect fisherman who have 800 traps; protect them and families
- DO something
- Regulate students, make sure they are prepared fully
- Landings, not tag # on exit:entry, ration – look at real history long term to see how much actually leaving fishery 5 yr or last real effort leaving
- Use age of waiting person
- Get people to let go if no plans to go fishing; avoid scale up to protect license/tags
- Use landings to see who is fishing and how much.
- *1000 min. landings to keep max. ta #'s of 800, maybe more, some threshold
- Let people keep license, but reduce tags if not being fished – create tag pool
- Maintain 800 trap max, leave this alone
- An incremental step up way
- Way to scale up at stages in career
- Look ahead to estimate time amount of effort coming in
- Ensure enough “tags/effort for long term
- Ensure full timers can fish to support livelihood
- Look at baseline 97 and reduction goal, are we there?
- Startup # for new entrants – cap@600
- Parte-time license?
- Consider illness, special circumstances

Lobster Limited Entry – Machias – August 30, 2012

Need to see all sides

- Apprenticeship for previous license holders – problem
- My 11yr old has license, I can stern for him

Licenses should....

- No \$ value, not purchasable
 - Anyone can have one
 - Owner operator only
 - Protect the species and the market
 - Let people go fish, right to fish
 - Let people happen, live and let live
 - Diverse business
 - Open access one time
 - 20:5 open:limited
 - 300 traps not enough – students need more, to go for it
 - Apprentices – let them have full 800 option – personal choice
 - Student program – working
 - Let the system weed out competition – normal business
 - 300 good starting point – go stern and build up
 - Plenty of lobsters
 - Not worried about # of lobstermen
 - License system created scale up – worried
 - System created issues, competition
 - Gear change wood to wire – more effective
 - Building traps took time – today unlimited, can buy then \$/credit limits you
 - Limited space to fish
 - Look at Canada”
 - Issue – company boats
 - License price – high
 - Debt and old gear
 - Big problems there too
 - Processing, storage – they have it we don’t
 - Making \$
 - Was diverse fishing and business back then – employment was available
 - Seasonal closures? NO – what do you do in down time. Does this work?
 - Volume healthy today and even at \$30ml
 - Why are we “fixing it”? is it broke
 - Concerned about more rules, limits
 - Canadian competition – glut. Process
-
- Keep it not an issue state makes money – their choice
 - In the water or out let it go
 - Let them keep license, BUT if people waiting, this is a problem

- Option license to be sure family business can be taken over
- College kid can't get license, take over business.
- Ration an issue 2400 out to get one in
- In favor of opening up licenses change ratios, ensure people can get out and in
- Let the balance happen
- Can't move to other fisheries today
- This is not conservation measure/greed measure
- Zone council changed ration
- Protect the zones
- Trap tags only work if all are honest
- 800 too difficult to enforce
- Stiffen the penalty
- 600 limit? Only hurts the honest ones, fishing inside
- Ideal #? 800
- A lot of people fish less
- Student license – loophole

Transferability?

- Immediate family – sons and daughters
- As much as desired in family
- E-gen – one direction only
- Open up to anyone fairness opportunity for all
- Federal fisheries closed – can't get in, lobster are the source
- Keep government out
- Go away, let community sort it out
- Leave as is
- Wait
- Go stern
- “be proud”, leave it alone
- Student license – went to college, 14 yr. olds making decisions? Issue, we have to wait. Children facing tough choices.
- Hold onto your license
- Life is unfair
- Changing rules frustrating – keep it fair, predictable
- 5yr. reasonable wait
- Buy it ok – just want to fish, get thru winter not get rich
- Invested, clamming, getting by but nothing else
- Waiting list # won't destroy resource
- Go back to 1:1? NOT TAGS fishermen....
- Older guys fishing less # tags low
- Keep 300 start, build up good, 100 per year
- Zone council can't change currency – 800 tags still an issue ratios – let legislature do it?
- Limited entry harming towns student license loopholes
- Students should be treated the same
- “double dippers” created issues
- Kids can get in now, should be true going forward – what age? 23 here – too short a time, if you start late

- 18 yes “cliff” a problem
- Gear too hard to get as a student
- Student license needed now that we have wait list. Created a monster
- Amount of time on list ISSUE
- Shorten wait list would solve a lot of problems – max time? 5 Yrs.
- Value on license or even possibility of value will keep wait time long

Quots?

- To variable year by year
- No
- Statewide distribution, shifts would destroy eastern ME
- Risk created, fishing unsafely 80 miles off shore in March
- ITQ different
- Quota sucks
- Reported history of lbs landed, creates class system
- No way to move up or down
- New guy? How much?
- Creates \$ for license
- Hell no!

Tiered license? Not the one proposed

- Throw away – bury it
- Difficult class of licenses? # tags
- Cut # tags, option important
- Class systems no good
- License should allow you to go up to max
- 300 tag license would be attractive to many
- Fear of trap cuts causes max # tag purchased
- Basic unfairness causes people to protect # tags available
- We have it already option is important
- Reasonable # to get in
- Don't take away trap tags
- Wait, then be unlimited
- Choice? Option to choose, give people control, not government

Worried about....

- Lobster promo council \$
- Quota – NO!
- Trap reductions and illegal fishing, enforcement
- Too much \$ invested, no trap reductions please
- \$ for license
- *Owner operated, big business, limited on amount you can handle?
- \$ for branding effort – take it and open processing plants in ME – volume from ME takes care of promo
- *DRIVER'S LICENSE – PRIVILEGE

- Fed government involved
- More tags – whale huggers jump on it. \$ in this drives a lot
- Non lobsterman/fisherman have to much say
 - Ground lines, breakaways
 - Conservation donations impact business
- Whale issue
- Non tangled here, not lobster issue, southern issue. Big business, politicians
- Reasonable wait time family transfers only son and daughters
- No \$ license
- Own it/can't take it
- Mess with gear – lose it for good, violation of any kind
- NOT use it or loss it – unintended fishing results
- Who can take ove if you get hurt? Temporary transfer?
- Get on wait list as soon as you have 200 days or 1000 hrs met, not both
- Unknown wait time – set max?
- 10 yrs in future – 50 yr olds gone then what?

Lobster Limited Licensing Meeting – Yarmouth, ME – September 12, 2012

What are you worried about?

- Trap reductions – again
- Changes that will hurt kids
- Changes that will hurt old kids
- Want license to have value
- Maintain business
- Too many people in
- Latent effort redistributed
- ITQ
- Zone council not fully representative
- Misinformation 5:1 vs 4000:800
- Too much effort
- LATENCY = conservation today
- Conservation of resource
- Tags/latent ones
- Unused tags without landings – do not reissue
- Catch per trap, spread out by more people

Goals?

- Maintain tag #'s (freeze)
- Open license, but no more tags?
- Today more effort than before 97 changes
- Maintain actual # traps in water today? Zone F – decrease? Each zone make their own limits?
- Limit # traps in H2O, allow # of people to change but
- Given tag freeze by zone
- Stack on one boat but “tag freeze by zone”
- Protect existing full timers
- Enable exit, entry, retirement \$ no, die first
- Enable young kids to get in
- Licenses \$?
- Balance/check on type of license holders
- Owner operators
- Keep coastal communities intact
- NOT corporations
- Health issues, unable skippers and crew

Transferability?

- Tags vs, license? never
- Catch ie. Lbs. landed never
- Island communities keep their “tags” – can redistribute allow kids to get in
- Partial “catch” transfers
- If tags, only within total zone cap
- Total pp cap ie. 1,600
- Owner operator
- Maine license holders only
- Recorded, monitored by state not direct to person

Students?

- Need a way to go fishing now
- Need more kids, chebeague ex.
- Balance island needs, student entry with overall #'s
- Students should be able to roll right in

Apprenticeship?

- Some good points to learning and time to experience
- Training period 24 months good
- Wait list – forever!
- Loopholes, false docs
- Changing rules and exit ratios 5:1, 4000:800 – frustrating
- Good at protecting full timers those now fishing
- Information outdated/communications – need better info*
- Needs to evolve with changes
- Acknowledge previous experience? Complicates how to enter?
- Prepare students as well

Transfer continued

- Licenses? No...
- Tags transferred, may choose to go for some to start
- State activated
- Buy some back?
- Physical tag hard to work with?
- Cap price on tags, plastic, some revenue for state
- Fee to fish, even if transferable
- Tags to son but not license
- Let the big guys be ig, small guys be small

License

- As many as desired? No.
- Rigorous apprenticeship 10 yrs. Experience?
- Establish relationship
- Shoreside access is limiting
- Boat and gear cost is limiting
- Simple fear of loss hi

Tags

- Limited, capped to today's actual effort
- Transferrable via state and yes.
- How to issue to newcomers?
- Take care of full timers 1st
- Surviving, not getting rich
- I worked hard since 8yrs, want same opportunity for today's kids
- No more effort overall, no more limits on personal effort
- Want to help coastal communication survive
- Simplify system, maintain productive fishery system and functional sustainable
- Newcomers capped at 600 traps lifetime cap, grandfather today's full timers @ 800

- Address latent effort now allow each zone to evaluate their own needs/effort zone council to make decisions and choices
- Latent effort – cap tags @ current actual level, let exit/entry ratios work it out
- Get back to fisheries community, diverse fisheries student apprenticeship program, scallop, GF, etc. by 18 establish histories
- Eliminate adult apprenticeship freeze for adults
- Keep coastal communities intact dynamic FMP, reflective of changes, adaptable, ME State vs. ASMFC, benefit, adaptable
- Lobster farming now v-notch punch, resource conservation

Lobster Limited Licensing Meeting – Scarborough, ME – September 13, 2012

What are you worried about?

- Too many trap in the water
- Recreational fishing too much
- Leaving traps in the water – fine, lose rights
- Too many endlines in the water
- Whale rules
- Resource sustainability
- Profitable fishery
- Length of wait list 10yrs too long
- Exit/ entry ratio – concerned it will go away (2x)
- Inequality of student program
- Discrimination student vs. adults
- Property/license as asset
- Price of license if transferable
- Trap reductions and redistribution
- Look at fed permit cost now
- Maintain livelihood and support of family
- Base histories used for future decisions – short, Georges

What do you want it to do?

- Simplify
- Maintain resource
- Zone considerations, each region different (Bristol)
- Eliminate wait list
- Exit: entry ratios by zone – keep as is
- Enable each zone to decide for itself
- Get info to zone council and before zone council – bring issues forward
- A way to work through issues
- Personal and peer pressure council
- Maintain controls, limited
- 5:1 vs. 8:1 4000:800 tags
- Licenses to have \$ value
- Health provision? Caution.
- Get rid of recreation fishing, stacking too many
- Latent tags...careful build up if threat
- Cost recovery to state from latent tags
- Allow people to hold tags

Transfers?

- Pass down inter family
- Allow apprentices to buy tags and license
- Get a handle on what is actual in water, fishing
- Scalable up and down with tax on transfers
- Tags only, cap per zone
- Account for 49/41

- Use district lines more, 1 apprentice per district/yr.

Students?

- Get rid of it
- Creates inequity
- District or zone specified, determine wait list or not
- Residency
- Rigorous training, same as adults

Apprenticeship

- Prior license holder exempt
- 2 years good
- Should apply to all newcomers including students
- Good idea, logbooks a joke in some places
- Finish, get license right away
- Application for apprenticeship, wait at this stage
- Issue traps ie. 50 like students fish on same boat as sponsor
- Open wide up?

ITQ?

- NO
- 1,000 lb./day limit?
- “Currency” is tags
- Could be good, sellable
- Creates black market
- Price depression
- No property value to license – public resource

Community values/important issues

- Jobs
- Put people to work - apprentices
- Sustainable jobs
- Too late to preserve coastal access
- Keep a market for product recreation license holders undermine
- Heritage
- Fishing as way of life
- Tourist attraction, draw
- Lobstering as an icon, getting watered down.
- Professionalism
- State needs to realize this is in trouble

Resource

- Doing fine down here
- High CPTrap now
- Ventless vs. vented
- Price issue with glut – profit issue
- Eliminate v-notch
- Flooding market
- Unsustainable at \$104m

- Need to think about reduction in volume
- Mosquito spraying
- Farming lobsters, catching last year's smalls
- Gear density impacts volume
- Pre-sell, set price
- Soft shells, no market, no processing – need more
- Supply and demand
- Tourist market here in July Aug
- Need global economy to improve

Two Maines

- Bristol:Kittery
- Bristol:Eastport
- Need regional difference

Decline in resource?

- Solves problems
- Subsidizes
- Science base?
- Keep escape vents, they will escape.
- Shell disease concerns
- Licensing needs to consider this
- Government to get involved, keep it sustainable
- Result of other people's actions sewage, not related to licensing

What to keep? Ditch

- No suppression
- Idea of apprenticeship good - \$ perception – Keep it real
- Apprentices to get license right away
- CL I & II, III, option – own choice
- Create a way to get a license from State vs. higher bidder
- “Class” system creates jealousy
- Eliminate class III, reduce effort? Beware of job losses.
- Allow to purchase full complement, by choice
- Be careful with amount of effort – reduce maybe, cautions

Legislative

- I have no say
- Get out on a boat, learn, get a clue – we work hard
- Listen to your constituents
- Keep MLA out of legislative
- Keep it fair, under 18 has advantage tilted. 28 students in G vs. 14 apprentice
- Fishing families and their students
- Look at existing tools and rules
- Don't let current license holders set rules for all
- Keep families fishing, heritage matters
- Create a wait list for students, no obligations \$ to family
- Create wait list parallel, or all on same list
- Watch for unintended consequences

- Change 49/51 rule – keep them in their zone, we have wait list
- Watch for seasonal part timers and the impact on the market
- Look at whale rules and impact of part timer effort
- No landings, get rid of tags, license
- Grandfather old timers
- Limit incoming full timers to 600 not 800
- Reinstate veterans
- Let 1 apprentice per district, eg. Zone G = 10 districts
- System's not broken
- Protect full timers, let part timers work elsewhere
- Lots of lobsters, wrong size
- Zone council represents harbor not individuals, this is a business.
- Reward hard work, open system?

Appendix G: Lessons Learned from Other Jurisdictions

The following summarizes lessons learned from other jurisdictions that are relevant to the options for future changes to the Maine limited entry management system for lobsters outlined in Objective IV of the report. More details on each of the jurisdictions can be found in the references cited for each jurisdiction.

New Hampshire

Limited entry license system

- Year of initial introduction - 1999
- Initial allocation of licenses – Three classes of limited entry commercial licenses (commercial, limited commercial, and part-time) based on previous license ownership and weight landed
- Cap on total licenses by area - No
- Transferable licenses – Yes – licenses have sold for up to \$15,000 for a commercial license to \$10,000 for a limited commercial license
- Rules on transferability of licenses –Criteria based on catch history in previous years
- “Use it or lose it” provisions for license retention – Limited commercial license holders must either purchase the license annually or submit a department provided affidavit indicating their desire to maintain their eligibility by June 30 annually

Trap limits

- Individual trap limits – 1200 for commercial licenses/600 for limited commercial
- Cap on total traps – No
- Trap transferability allowed – No
- Rules on transferability of traps – N/A

Lessons learned

- NH does not have quotas, trip limits, limited days, seasons, or any additional effort control measures
- Due to concern over significant latent effort of limited commercial licensees, new eligibility rules were enacted in 2012

References

Zobel, R. 2012. Current NH lobster management overview. pers. comm.

Massachusetts

Limited entry license system

- Year of initial introduction – Beginning in 2004
- Cap on total licenses by area - Yes

Appendix G: Lessons Learned from Other Jurisdictions

- Transferable licenses – Yes – About 25 licenses are transferred each year. The state charges a fee of \$50 for each license transfer.
- Rules on transferability of licenses – Prohibition on transfer of permits that have been unfished at a commercial level (defined as fishing occurring in at least 4 out of the last 5 years) to a minimum level (landing > 1000 pounds of lobster per year or landing and selling lobster on > 20 occasions in a single year). Recipients of the transferred license need to demonstrate at least one year of commercial fishing activity in a trap fishery or at least two years in any commercial fishery. These license transfers usually go to sternmen. Transfer to immediate family members are allowed that do not meet these minimum landings requirements. Immediate family members are defined as the legal father, mother, wife, husband, sister, brother, son, daughter, or grandchild of the permit holder in the direct line
- No “use it or lose it” provisions for retention of licenses.
- Massachusetts has implemented owner-operator on-board provisions

Trap limits

- Individual trap limits – Yes – Trap limits are permit-specific
- Cap on total traps – Initial trap allocations based on their fishing history, resulting in the elimination of latent effort in the fishery, with a long-term goal of trap reduction
- Trap transferability allowed – Yes – only in the Outer Cape Cod fishery and not in the LMA 1 fishery.
- Rules on transferability of traps – (a) Allowed subject to trap transfer “taxes” (a reduction of 10% in trap numbers applied to any trap allocation transfer transaction between fishermen when transferring permits; (b) dual state and federal permit holders who transfer the federal permit may lose their state trap allocation

Lessons Learned

Transferable license system

- A total of about 25 license transfers occur each year. Staff dedicated to managing and overseeing license transfers.
- In LMA 1 the catch rates have been low with marginal profit levels. In LMA 1 the cost of purchasing a license averages around \$10,000.
- The Outer Cape Cod fishery has experienced higher catch rates and higher profitability. In this fishery licenses have cost upwards of \$75,000, but few licenses have been transferred
- The view of both DMF and the MLA is that the license transfer system runs smoothly and has been effective in reducing latent effort. This is brought about by prohibiting the transfer of licenses that are not active commercial licenses as defined above.

Appendix G: Lessons Learned from Other Jurisdictions

- Illegal license transfers occurred until the implementation of owner-operator on-board provisions

Transferable trap system

- Trap transfers in the Outer Cape Cod and Southern New England fisheries cost from \$25 to \$200 per trap transferred
- The conservation tax for the Outer Cape Cod fishery has not resulted in a substantial reduction in trap numbers due to the low number of license transfers
- A state mandated trap reduction program is underway in the Outer Cape Cod fishery with the goal of reducing total trap numbers by 50% through an across the board reduction in numbers
- A transferable trap tag system should not be implemented until after a trap reduction program has reduced the number of trap tags to some target level

References

Massachusetts Division of Marine Fisheries. Lobster permit and trap transfer policies for 2010 (and beyond) consistent with ASMFC Interstate lobster plan addendum XII.

Massachusetts Division of Marine Fisheries. Policy clarifying regulations on coastal lobster permit transfers between immediate family members where both hold an existing lobster permit.

Both of the above can be found on:

<http://www.mass.gov/dfwele/dmf/programsandprojects/polecmgmt.htm#policy>

The Massachusetts Marine Fisheries Regulations can be found at:

<http://www.mass.gov/dfwele/dmf/commercialfishing/322cmr7.htm#cmr703>

Canada

Limited entry license system

- Year of initial introduction - 1968
- Initial allocation of licenses – In 1976 three categories of licenses were introduced: Category A for those fully dependent on the fishery; Category B for those not fully dependent but with a historical attachment to the lobster fishery since 1968; Category C licenses that had little or no dependency and expired in two years. License buy-back implemented in 1978 to 1981 to reduce the number of participants
- Cap on total licenses by area - Yes
- Transferable licenses – Yes

Appendix G: Lessons Learned from Other Jurisdictions

- Rules on transferability of licenses – Yes, subject to all applicable licensing policy provisions that vary between areas (includes provisions for stacking two licenses and formation of partnerships). Only Category A licenses are transferable and licenses can only be transferred within the zone that they are issued.

Trap limits

- Individual trap limits – Yes (varies by area, and is the same for all license holders in each specific area). Some LFAs have run their own voluntary trap reduction schemes
- Cap on total traps – Yes, set by the sum of the individual license holder trap limits
- Trap transferability allowed – No
- Rules on transferability of traps – N/A

Lessons learned

- The cost of purchasing a license varies between zones depending on catch rates and profitability and has ranged upwards of \$750,000 to \$800,000 when prices were high in 2008.
- The view of DFO is that the license transfer system runs smoothly
- Canada has implemented owner-operator on-board provisions whereby a license-holder can hold only one license and operate only one vessel. Processors are prohibited from holding a license.
- Canada has implemented tactical management measures to achieve its key lobster fishery management strategies. Of direct relevance to the Maine lobster fishery are the following measures to address “Productivity and Prosperity” objectives.

Productivity

Keep lobster fishing mortality moderate through use of:

- Limited entry
- Prescribed access areas
- Trap limits
- Minimum legal sizes
- Window in some areas
- Seasons
- Gear fitted with escape vents and biodegradable panels
- Studies on improving gear efficiency and selectivity

Prosperity

Offer flexibility in policy and licensing

Appendix G: Lessons Learned from Other Jurisdictions

- Maintain the allowance for the formation of partnerships and stacking of licenses so fleets may rationalize capacity during periods of changing price or abundance

Promote stability in access to resources and allocations

- Limit entry to fishery through licensing policy so that license holders may develop long-term business plans

Allow self-adjustment of capacity to resource availability

- Maintain the allowance for the formation of partnerships and stacking of licenses so fleets may rationalize capacity during periods of changing price or abundance

References

Department of Fisheries and Oceans Scotia-Fundy Sector Maritimes Region. 2011. Inshore Lobster Integrated Fishery Management Plan – Lobster Fishing Areas 27-38.

Florida

Limited entry license system

- Year of initial introduction – 1991 - 1993
- Initial allocation of licenses – To existing license holders only

Trap limits

- Individual trap limits – Yes – based on license holder's highest reported single license-year landings during a three year qualifying period
- Cap on total traps – Yes
- Trap transferability allowed – Yes, with a transfer fee (\$2 fee for administrative costs and a 25% surcharge of the fair market value, whichever is greater, charged the first time a trap is transferred outside the original holder's family) charged per trap transferred
- Rules on transferability of traps – No person, firm, corporation, or other business entity is allowed to control more than 1.5 % of the total available certificates in any given year
- Trap reductions:
 - Passive – When certificates are sold transferred outside the immediate family of the original certificate holder, the number of certificates shall be reduced by 25%.
 - Active – If the total passive reduction in trap certificates in any license year does not total 4% of the certificates available during that season, an additional reduction in the number of available certificates is made to achieve the overall target reduction of 4%.

Lessons learned

- Under-reporting of certificate transfers/sales has been a major problem with the program, resulting in substantial revenue loss

Appendix G: Lessons Learned from Other Jurisdictions

- The stated goals of the limited entry program were to “(a) maintain or increase overall catch levels, (b) promote economic efficiency in the industry, and (c) conserve natural resources.”
- The experience in the fishery was as follows: In 1991-92 there were 4173 licenses in the fishery; this number reduced to 2343 in 1997. Through 1999 landings had fluctuated without trend since 1970. Thus, no distinct trends relating to the effectiveness of the limited entry program in enhancing the resource were evident in the data.

References

Committee on Water and Resource Management Florida House of Representatives. 1999. Evaluation of limited-entry commercial fishing programs.

Atlantic States Marine Fisheries Commission. 2002. Proceedings of the American Lobster transferable trap workshop. Special Report No. 75.

New Zealand

Limited entry license system

- Year of initial introduction – 1980-81
- Initial allocation of licenses – Based on percentage of total income earned from rock lobster fishery – 80% required for a “full-time” license, remainder given “seasonal” licenses
- Cap on total licenses by area - Yes
- Transferable licenses – Limited
- Rules on transferability of licenses – Transferability allowed as determined by independent licensing authority – one-for-one replacement rule
- Rules on entry/exit of license holders – Yes – New entry determined by independent licensing authority based on pre-specified criteria (5), including previous fishing experience, age, relatives of exiting fishermen, owner-operators
- “Use it or lose it” provisions for license retention – No
- Independent appeals process - Yes

Trap limits

- Individual trap limits – No
- Cap on total traps – No
- Trap transferability allowed – N/A
- Rules on transferability of traps – N/A

Lessons learned

- Limited entry terminated in 1990 due to concerns for the biological “health” of the resource and lack of control of effective fishing effort by the limited entry system. The fishery moved to a Quota Management System with Individual Transferable Quotas in 1990.

Appendix G: Lessons Learned from Other Jurisdictions

- Short duration of limited entry scheme and lack of control of effective fishing effort (no trap limits) did not allow a full assessment of the program's success

References

Annala, John H. 1983. The introduction of limited entry: The New rock lobster fishery. Marine Policy. 17:101 – 108.

Yandle, Tracy. 2006. Sharing natural resource management responsibility: Examining the New Zealand rock lobster co-management experience. Policy Science. 39:249-278.

Western Australia

Limited entry license system

- Year of initial introduction – 1963
- Initial allocation of licenses – Boat numbers fixed at the then current number of licenses (858)
- Cap on total licenses by area - Yes
- Transferable licenses – Yes
- Rules on transferability of licenses – Fully transferable
- Rules on entry/exit of license holders – Could not result in an increase in effective effort, i.e. the number of trap hauls

Trap limits

- Individual trap limits – Yes, varies by area and individual vessel based on vessel size (initially 3 per foot length of boat, which froze the number at 76,623 traps)
- Cap on total traps – Yes (76,623)
- Trap transferability allowed – Yes, within zones but not between zones
- Rules on transferability of traps – Traps fully transferable with vessel

Lessons learned

- Control of effective fishing effort, i.e. total number of trap hauls, required increasing restrictions on fishing – reductions in total traps, individual trap limits, number of days allowed to fish, season length, number of times a trap can be lifted per day
- Previous input control system became more complicated and highly regulated over time as it sought to (1) limit the exploitation rate to levels that achieved the biological sustainability objectives of the fishery; (2) manage efficiency increases over time that lead to increasing fishing effort in real terms; and (3) address a range of equity issues within the fishery.
- Due to concerns for the biological “health” of the resource and lack of control of effective fishing effort by the limited entry system, the fishery moved to a Quota Management System with Individual Transferable Quotas in 2010.

References

Appendix G: Lessons Learned from Other Jurisdictions

Western Australia Department of Fisheries. 2009. A quota management system for the western rock lobster fishery. Fisheries Occasional Publication No. 68.

Western Australia Department of Fisheries. 2009. An input control management system for the western rock lobster fishery. Fisheries Occasional Publication No. 69.

Western Australia Department of Fisheries. 2011. Draft stock assessment for the West Coast rock lobster fishery. Fisheries Research Report No. 217.

Western Australia Department of Fisheries. 2012. West Coast rock lobster managed fishery: Harvest strategy and decision rules framework proposals under a quota management system. Fisheries Management Paper No. 254.

South Australia

Limited entry license system

- Year of initial introduction – 1967 - 68
- Cap on total licenses by area - Yes
- Transferable licenses – Licenses can be “retired” only
- Rules on transferability of licenses – Traps are allowed to be transferred and the license then has to be “retired”
- Rules on entry/exit of license holders – Licenses can be “retired” only

Trap limits

- Individual trap limits – Yes – maximum and minimum numbers vary by zone
- Cap on total traps – Yes
- Trap transferability allowed – Yes
- Rules on transferability of traps – Fully transferable

Lessons learned

- Throughout the history of the limited entry fishery, a significant management challenge for the Northern Zone fishery was quantifying and controlling effective effort levels
- During a period of spatial expansion of the fishery during the 1980’s and 1990’s, the input controls then in place (limited entry, trap limits, and restrictions in days-at-sea) were unable to control effective fishing effort resulting in a 68% decrease in biomass of the stock
- Due to concerns for the biological “health” of the resource and lack of control of effective fishing effort by the limited entry system, the fishery moved to a Quota Management System with Individual Transferable Quotas beginning in the mid 1990’s in the southern zone and in 2003 in the northern zone

Appendix G: Lessons Learned from Other Jurisdictions

References

Government of South Australia Primary Industries and Resources. 2007. Management plan for the South Australian northern zone rock lobster fishery. South Australian Fisheries Management Series Paper No. 51.

Linnane, A. S. Sloan, R. McGarvey, T. Ward. 2010. Impacts of unconstrained effort: Lessons from a rock lobster (*Jasus edwardsii*) fishery decline in the northern zone management region of South Australia. Marine Policy 34 (2010): 844-850.

Zacharin, W. (ed.). 1997. Management plan for the South Australian southern zone rock lobster fishery. South Australian Fisheries Management Series Paper No. 29.

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals Workshop Outcomes

Prioritized Top 10 Objectives:

- Allow for efficient exit & entry to the fishery
- Enable effective resource science & management
- Provide for regional flexibility and decision making
- Ensure coastal communities retain & foster productive economies
- Ensure scalable, revenue neutral administrative function
- Maintain traditional fishing practices
- Provide opportunities for future generations of fishermen

Methods/Guidelines:

- Provide fair opportunity to all Maine Residents
- Professionalize the fishery [and enable business planning]
- Enable effective redistribution of ‘units of effort’
- Provide personal choice, recognize different personal goals
- Revenue neutral license system, financially self-sustaining
- Flexibility in combining target species
- Maintain Owner operator fishery

Critical Issues to Address/Strategies:

- Latent trap tags
- Student License
- Cap on effective effort [at current levels]
- Enhance and nurture Zone council function; represent wider audience

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

Mixed List of potential objectives & qualifiers- brainstorm, strategies
(Generated during working group discussion 9/14, contents of flip charts)

- Maintain Owner Operator Provisions
- Allow for efficient exit & entry of license holders
- Professionalize the fishery
- Have students wait on list
- Flexibility by regions and business type
- Flexibility, [in anything]
- Do what's best for the resource itself
- Resource Sustainability
- Maximize profitability for fishermen,
- Ensure livable wage to sustain communities & jobs
- Reduce amount of gear in the water
- Provide a fair and equitable way to cap traps available
- Recognize differing individual motivations (full time vs part time)
- Allow personal choice in access level desired
- Enable scale up and scale down based on personal choice
- Recognize different desired economic returns
- Take a long term view on change, allow for phasing in of new rules
- Provide for regional decision making within a framework & guidelines
- Eliminate latent tags & licenses
- Enable state-mediated "transfers" of licenses and tags
- Prevent free market transfers and escalating cost of licenses
- Ensure affordable entry
- Prevent gold rush
- Enable equal opportunity entry into a professional career
- Ensure apprentices are provided skills and training to enhance professionalism, respect, skills VS. Limiting or controlling entry with the apprentice program
- Establish high standards for fishing practices & foster stewardship
- Encourage civic engagement and involvement in management process
- Ensure next generation has access to the fishery
- Enable retirement
- Create fair & equal access
- Current system is rigged towards existing lobstering families
- Consider personal point of entry and place in life
- Over-manipulation of current system
- Enable diversity of fishermen
- Reward hard work, provide opportunity to work hard
- Avoid pegging fishermen into a box, let big guys be big. Enable personal choice
- Enable "re-arranging of the deck chairs"
- Enable market for retiring assets (boat, gear)

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals Workshop Outcomes

- Protect island licenses
- Assure reasonable distribution of effort by Harbor, zone
- Allow for natural distribution of licenses, community and heritage based
- **Protect community shoreside infrastructure and businesses**
- **Respect current business investment and existing capitalization**
- Reward stewardship and resource protection
- Be mindful of technology based fishing and the increasing effort and impact on the resource
- Enable tag transfers, recognize tags as the currency
- Protect family fishing heritage & bloodlines, but not to exclude new entrants
- Ensure we know what is working, evaluate existing system in a quantifiable way
- Fix the current system, DO SOMETHING!

Jim Acheson's prior submissions via email/interview (reviewed in powerpoint):

- conservation of stocks
- maximize income for fishermen
- **rent (payments to society for using public resources)**
- **optimum yield (strategy that maximizes payoffs to all players)**
- minimize negative externalities or maximize positive externalities
- **flexibility in combining target species**
- equity
- ease of enforcement
- ease of entry
- reduce costs for fishermen (is a way to help achieve # 2)
- ecosystem management
- maintain fishing communities

➔ A much larger problem is how to combine goals, e.g., can't manage for conservation and maximize income for fishermen and achieve equity all at the same time.

Summary of themes of input received during outreach sessions/interviews:

- **Eliminate Latent Effort (tags with no landings)**
- **Protect full time fishermen, no more trap reductions**
- **Get people off the waiting list, or predictable length of time**
- No more effort in the water
- The student license is unfair, they need better training, dropping out of school
- The apprenticeship program should be for newcomers only, keep it rigorous, professional
- No value to transfer of license (split) or
- pass license on to kids/family
- Tags are the currency

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals Workshop Outcomes

- Resource carrying capacity is a concern for some, not others
- Public resource, fishing is a privilege not a right
- Avoid unintended scale up with fear of use it or lose it
- Need an Appeals process
- Zone council representation & function needs evaluation
- Simplify!
- Stop changing the rules, raising the bar
- Cost recovery for mgmt
- Consider Fishing and community heritage
- Enforcement not up to par
- Enable choice for different levels of fishing
- Let each zone make their own decisions
- Sternmen want a way to own their own biz

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

Other Goals Suggested by License Holders in Question Four:

Strongly Disagree

1. ability to sell license
2. ability to transfer license if desired
3. Advertise lobster as a national food - not just while on vacation in Maine. Help market lobster nationally
4. All apprentices are allowed to fish at least 150 traps until their name is drawn.
5. Allow spouses a license upon death of license holder
6. allow the sale of licenses
7. app program unfair
8. be able to sell
9. be able to sell license
10. Be allowed to sell license
11. Be asking to sell license when done with it.
12. discourage the landing of un-shippable product
13. don't go overboard
14. each zone fish only one zone
15. freedom/rights
16. Increase minimum size lobster
17. Increase recreation to 25 traps
18. keep enough lobsters for everyone by trap limit
19. keep federal fishermen out of state waters
20. keep licenses in families
21. Keep number of ACTIVE tags fished stable
22. keep the starters out
23. Keep the outsiders out
24. limit number of lobsters imported into Maine from other states and countries
25. Market Driven
26. mechanism for entry (not based on age)
27. no more part timers
28. No new license
29. No new licenses of any kind
30. Pass license to family members
31. Protect fishing families
32. Real account of traps
33. seriously violation of laws should result in permanent loss of lobster license
34. serious violations of law should result in permanent loss of license
35. Slow down the rate at which students are flooding our area
36. slow the rate of students getting regular licenses
37. son take over for father
38. stabilize price by reducing market flooding
39. stop part timers who work
40. trap limit
41. 80%-100% lob fishermen
42. Apprentice more new license.

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

43. be able to sell license to others
44. closed season
45. District votes on entry
46. favor a state sanctioned buyout program
47. freedom/rights
48. longer apprenticeship program 5000 hours
49. make current license transferable
50. possibly buyouts
51. progressive stern man fee after 1
52. Take away licenses that don't exceed 50-80% income.
53. take care of full-time fishermen

Strongly Agree

1. 2 serious violations your history
2. 400 traps
3. 600 pot limit
4. 600 Trap limit
5. 600 trap limit
6. 600 trap limit statewide
7. 600 traps
8. adjust or add licensing for a 200 trap limit
9. all students
10. allow fishing family to stay in business
11. allow older lobstermen to retire
12. Allow those leaving the fishery a way to sell gear abd boat and be financially ok
13. be able to and down your license
14. Be able to sell license
15. Be able to sell license at Retirement
16. be able to sell licenses thru trap tag sales
17. be able to sell your license
18. be able to sell your license
19. Be able to sell your license
20. buy out to encourage retirement
21. Change the v-notch law the way is used to be.
22. control over population of species
23. create a crab only license for the beginners
24. create seasonal fishery in inshore/offshore
25. Daily time limit
26. determine who is a full time lobsterman and who is part time
27. Do away with it
28. Do nothing
29. Don't change a fishery that does better every year
30. Don't change a thing
31. Each district within zones should access what is needed
32. Eliminate latent licenses
33. eliminate limited entry

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

34. eliminate part-time fishermen
35. Ensure a mechanism for better prices
36. Ensure new markets for lobster
37. Ensure that all license holders are good stewards of the resource by learning through the apprentice program
38. Ensure that people who have worked to have a license can keep it even if they are not fishing at this time.
39. entry for family members
40. Equal protection for all people
41. establish local processors
42. Fair to adult as to youth
43. Family
44. family only
45. Family with kids should be able to get a license
46. Fishing family's kids able to access
47. Get rid of zones
48. Give my license to son
49. Go to 3 to 1 entry/exit ratio
50. Good system now
51. grandchildren
52. have the same number of traps as other states and federal zone
53. help deal with whale issue
54. inter-family transferrable
55. Keep everything the way things are
56. keep students available
57. Keep the island entry system
58. Keep zone E at 600 traps
59. Latent licenses
60. Leave everything alone
61. leave it alone
62. leave things as is
63. less regulation
64. less traps for everyone
65. Let family members give their license to another family member when they retire or get out of the business like grandfather to grandson or granddaughter
66. let me decide who is replacing me
67. let us sell our license
68. license holders that don't use license need to give it up
69. limit part-time
70. Limit trap limit for part timers
71. limit traps for all to 400
72. limited
73. Limited entry
74. Live in the town you fish out of
75. lobstering=maricultural - more effort more lobsters
76. long term plan - make a goal for total

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

77. lower number of traps 400-500
78. Maine needs its own processor
79. Make adults that don't use their license lose it.
80. Make license property of fisherman
81. Make ownership of License to holder
82. marketing
83. mechanism for exiting fishery
84. Military 20 year should be able
85. molesting gear lifetime loss of license
86. Move to 3 to 1 ratio to obtain license
87. Must make 50% or more lobstering to keep license - no part timers!
88. No recreational lobstering
89. no student licenses without option
90. one processor in each zone
91. one time buyout of licenses and tags
92. Only HS grads can get a license
93. only kids from lobstermen families can get a license
94. only kids of lobster fishermen can get a license
95. open entry
96. open processing plants
97. option to see license
98. own my lobster license
99. pass license along on sell
100. Pass on license to family member
101. Presently it is unconstitutional and discriminatory against anyone other than students
102. Private licenses
103. processing plants in Maine
104. recreational license remove
105. reduce licenses, not traps fished
106. Reduce number of licenses in zone
107. Reduce Recreational licenses
108. Reduce regulation
109. sell license
110. sell license
111. sell licenses or pass on to sons
112. Should be able to sell out license
113. should be allowed to sell license
114. So retired fishermen can sell their licenses
115. Start takes at 150 pots (5-6 years) student 150
116. Stop giving out new licenses
117. stop global warming
118. stop issuing non-commercial licenses
119. stop or limit school licenses
120. strictly fine those breaking the rules
121. students should be able to get a commercial license from the age of 17 until 23

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

122. TAC Total allowable catch
123. the current system is adequate
124. This system is not necessary
125. Three strikes and you're out
126. to find out how many traps are fished compared to how many tags bought and let the business take care of itself
127. transfer license to children or spouse
128. transfer license to family member
129. transfer of licenses to family
130. Transferable licenses then purchase from exiting lobstermen
131. traps tapered down to 500 in three years
132. true fairness no socialized equality
133. up the big gauge to 5.25 or 5.5
134. Use it or lose it
135. We need to count tags not licenses!
136. We should own our license
137. young + old should go through app program
138. again processor in each zone
139. bait supply is key to the fishery
140. be able to sell the one you've got
141. College grad gets 800 traps
142. Disband marine patrol
143. don't change the small end of gauge
144. Eliminate latent tags
145. Ensure a mechanism for better market not Canada
146. family member
147. freedom to work
148. get more young people in not retired older people
149. get wait list a lower # of trap limit until 1 lobsterman retires
150. go to a one in one out
151. ITQ & IFQ
152. latent tags
153. leave it alone
154. Make fishermen choose whether to fish inside or outside.
155. more local control
156. More processing plants
157. Never no lower
158. No new laws
159. open to all Maine licenses
160. pass on license or sell license
161. People with land jobs and part time fisherman (800 traps 100% income from ocean) should be 800 traps
162. processing plants
163. Processing plants in Maine!
164. raise lobster value
165. reduce traps to 400

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

- 166. Restricting all licenses until age 18
- 167. sell tags
- 168. six month seasonal licenses
- 169. Stabilize price of lobster over \$4
- 170. statewide trap limit 500
- 171. stop year round fishing lob
- 172. Take only Male lobsters
- 173. to transfer your license
- 174. transfer license to family only
- 175. Weekends off

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

Other Goals Suggested by Non-License Holders in Q12

Strongly Disagree

1. A family business should stay family!!
2. Allow a person who obtains 100% of their income from lobstering as a sternman, or from the ocean, to obtain a lobster license!
3. allow current license holders to get richer
4. Allow transfer of license to family
5. allow more individual input that would help coastal communities
6. As a life long resident of Maine and a former license holder I should have the right to purchase a lobster license.
7. Be fair to all
8. Close open zones
9. Ensure a family business doesn't die!!
10. fair entry, no favoritism
11. Get rid of part-time fishermen that have another full-time license
12. one who has held license or prove family heritage
13. students should get licenses no matter what

Strongly Agree

1. Adults should come before students
2. all students
3. all students
4. Allow licenses to be passed down in the family and 2:1 ratio of licenses or max traps to new entries
5. Anyone who held license in past should be able to get one
6. children gone, some else boat, no parents boat
7. ensure availability of student licenses
8. ensure responsible sustainable harvesting of the resource
9. Ensure that family members can get in
10. ensure that people on the waiting list get off in a timely manner
11. Find more markets
12. get rid of recreational licenses
13. Heritage based system
14. if you have ever had a license there should be no waiting time.
15. Landing report proves you're a fisherman, not just a tag hoarder. This is a common practice.
16. Leave it alone
17. Leave it as is
18. License holders must prove income by lobstering. Some people get the license but never fish I know of 3 that have never fished but still hold their licenses
19. Lobsters thrive with bait (FOOD)
20. Maintain island heritage and fisheries by supporting dwindling year round populations
21. make it fair
22. Make it fair for everyone to go

Appendix H: Synthesis from Outreach Meeting and Limited Entry System Goals
Workshop Outcomes

23. Make sure students get a license
24. pass down generations
25. Penalties for fishing too many traps (over 800) loss of license forever
26. Protects already established fishermen
27. Regulated seasons
28. Stability of off-shore island communities
29. Sternmen need a place to expand
30. Student license holders
31. students should be allowed to purchase a license not just anyone
32. Transfer license in family
33. Transfer license in family
34. Unfair Due to changes
35. We should own our license

Appendix I: Maine Statutes and Regulations Impacting Lobster Licenses and Entry (1996-2012)

1996		
June	1996	Lobster Zones Established - boundaries, zone council process, etc.
July	1996	Apprentice Program Established
March	1996	Non-commercial license established
	1996	Trap Tag Program Established with 1200 limit per license holder
1998		
January	1998	Eligibility tightened to previous calendar year, apprentice program or over age 65 and held license in the past
May	1998	Monhegan Island Conservation Area established with limited entry
1999		
January	1999	License Moratorium on issuance of any new Class, I, II, or III licenses
	1998	Zones E and G established rule to go to 1200 by 1998, 1000 traps by 1999 and 800 by 2000; Zone E voted for 600 by March 2000
	1999	Zones A, B, C, D establish rule to go to 1000 traps by 1999 and 800 traps by 2000
June	1999	Appeals process established for license denial if they did not possess a license in the previous year due to illness, military duty, etc.
September	1999	Zones authorized to establish a limited entry ratio; * By 2001, all zones except A and C had established a entry/exit ratio.
January	2009	Island limited entry program defined as an option for year-round island communities.
2000		
	2000	Owner-operator Provisions implemented
	2000	Established 300 Trap Limit for new entrants and 100 per year build up
	2000	Over 65 and previously fished appealed as criteria for entry.
2001		
September	2001	Zone C Pilot Apprentice Program allowing zone to increase the minimum length of time, require sponsor to have held license for 5 years. Add a course work requirement, require apprentice in Zone C to enter zone C, allow a delay in transfers into zone C from other zones
2003		
	2003	Non-commercial license holders must pass written exam
	2003	Non-commercial must declare zone and maximum traps from vessel is 10 (regardless of number of license holders on board)
	2003	Minimum age for apprentice, student and non commercial set at 8 years
	2003	Age-based graduated trap limit established for student license holders

Appendix I: Maine Statutes and Regulations Impacting Lobster Licenses and Entry (1996-2012)

2004

October 2004 Zones may propose provision to allow a person who has completed 92% of apprentice program entrance under limited entry ratio
*Zone A establishes entry/exit ratio

2005

January 2005 Zones given authority to propose rules to increase the enrollment period for apprentices, require a sponsor of apprentice to have held a license for at least 5 years and limit entry to persons who have apprenticed in the zone.
* All zones have established the requirement that an apprentice may only enter if they have apprenticed in the zone they wish to fish and sponsor must have held a license for at least 5 years and fish in the zone for which they are a sponsor (2005-2008)

2007

September 2007 Nonresident landing permit established
September 2007 Makes 17 the youngest age to acquire a Class I, II, or III license
2007 New authority to allow zone to consider whether or not to create a separate waiting list for young people's entry into that zone
2007 **Changes the Method for Calculating Exit Ratio** from licenses not renewed to trap tags retired the previous year
2007 Exemption to the waiting list for people under 18 who live on a year-round island

2008

2008 All zones established an exit ratio based on tags retired (except zone C)

2009

September 2009 Island limited entry program defined as an option for year-round island communities.

2010

August 2010 Change in original provision that the zone would automatically revert back to 1:1 ratio after 30% or more of the number of tags in the zone on 12/31/97 are removed. Rules now stipulate the Commissioner meets with zone council to review status of resource and make a determination regarding any change to the exit ratio.

2011

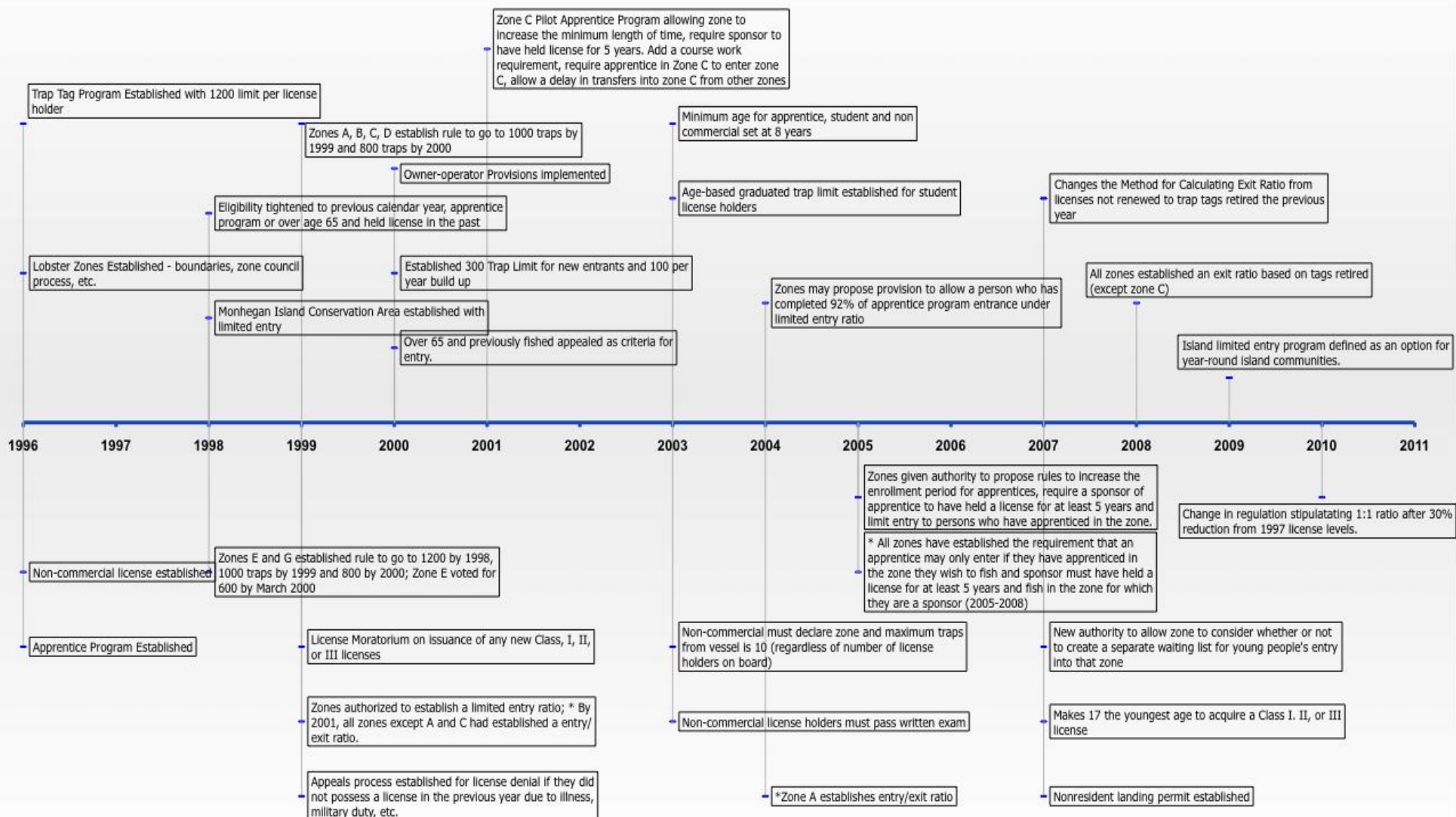
Resolve to contract for an independent analysis of the limited entry lobster license system and report the analysis to the Legislature by January 15, 2013.

2012

2012 Chebeague Island, Cliff Island, and Cranberry Isles establish maximum number of license holders under island limited entry.

Appendix I: Maine Statutes and Regulations Impacting Lobster Licenses and Entry (1996-2012)

Maine Lobster Laws and Regulations Regarding Licensing 1996-2010



A Management Plan for Maine lobsters should contain the following components:

1. Statement of Purpose

Needs to be developed within the context of the ASMFC Interstate Fishery Management Plan for Lobster.

2. Fishery Overview

2.1 Description of fishery

2.2 Biological characteristics of lobsters

2.3 Environmental characteristics and associated species and issues

3. Scope of the Management Plan

3.1 General

3.2 Operation and review of the management plan

3.3 Policy context

4. Management of the Maine Lobster Fishery

4.1 History

4.2 Description of Zone Council process

4.3 Current management arrangements

5. Framework for Decision-Making

5.1 Goals

Goals provide the foundation for the overall strategic direction of the management plan by documenting the overarching principles and outcomes the fishery should achieve.

5.2 Harvest Strategies and Decision Rules

The management of the Maine lobster fishery needs to have explicit objectives that reflect scientific knowledge and community values, and there is a clear articulation of how acceptable performance against the objectives will be determined, measured and achieved. This will greatly improve the management decision-making process. The management plan should incorporate ecological, social and economic objectives and therefore recognize that to optimize community benefits, the fishery should be managed to an appropriate target level, rather than just ensuring it remains above a threshold level. The shift to develop management strategies based upon reaching and maintaining a target level is also a more precautionary approach.

A harvest strategy to achieve the Objectives should be developed and include the following:

1. Clear statement of objectives to achieve the goals
2. Indicators used to measure performance against the objectives
3. Reference values for indicators that describe what is acceptable and unacceptable performance

- a. A target value that optimizes the fishery's performance
- b. A limit value that should not be breached
4. A predefined set of decision rules to determine the appropriate management actions to assist in reaching target levels and avoid unacceptable performance.

A summary explanation of each of these terms is outlined below.

5.2.1 Objectives

Objectives provide the foundation for achieving the goals. They often need to be translated into operational / management objectives that have direct and practical application to the management of the fishery and can be measured using the current or proposed system of data collection.

5.2.2 Indicators

Indicators are used to measure the performance of one or more fishery management objectives. An indicator may be a direct observation (such as catch per unit effort or catch rate of breeding lobsters) or it may be a measure estimated using a stock assessment model. The value of an indicator may be either an absolute measure, e.g. pounds of catch, or a relative measure such as an index, e.g. an egg production index.

5.2.3 Reference Values

For harvest strategies to be effective, the level of an indicator needs to be interpreted in relation to the operational objective by determining what describes acceptable performance compared to unacceptable performance. The reference values can be a target (where you want the indicator to be), a threshold (where you review your position), or a limit (where you don't want the indicator to be), which are used to guide what management actions are required.

Target

The target is the level or range of the indicator that the fishery management system aims to either reach or fluctuate within, respectively. It represents the desired or optimal state to best deliver the outcomes that meet the specific objectives of the fishery.

Threshold

The threshold is the level at which the indicator for stock status or other relevant objective is no longer considered to be within the range that will achieve optimal outcomes for the fishery and the current management arrangements should be reviewed.

Limit

The limit is the level of the indicator below (or above) which the stock abundance for one or more objectives (stock sustainability, legal proportion harvested, etc.) is considered to be unacceptable and a strong set of management actions would need to be implemented immediately to return the fishery/stock to an acceptable level or at least above the threshold level.

5.2.4 Decision Rules

The decision rules outline the management strategies or actions (e.g. setting a TACC level) that are predefined to take place based on the current or projected level of an indicator in relation to its limit, threshold and target (performance) levels. The decision rules for a fishery would be developed such that if the indicator is at an acceptable level management actions would be designed to keep it there, but if it is at an unacceptable level the management actions would be designed to return it to an acceptable level within an appropriate timeframe. In general, higher levels of precision and certainty in the indicators and performance values enable more prescriptive decision rules and management responses to be developed.

6. Stock Assessment and Research

6.1 Data collection and monitoring

6.2 Strategic research and monitoring plan

7. Compliance and Monitoring